

**Technical Appendix:**

**Section 4. Stream Characteristics**



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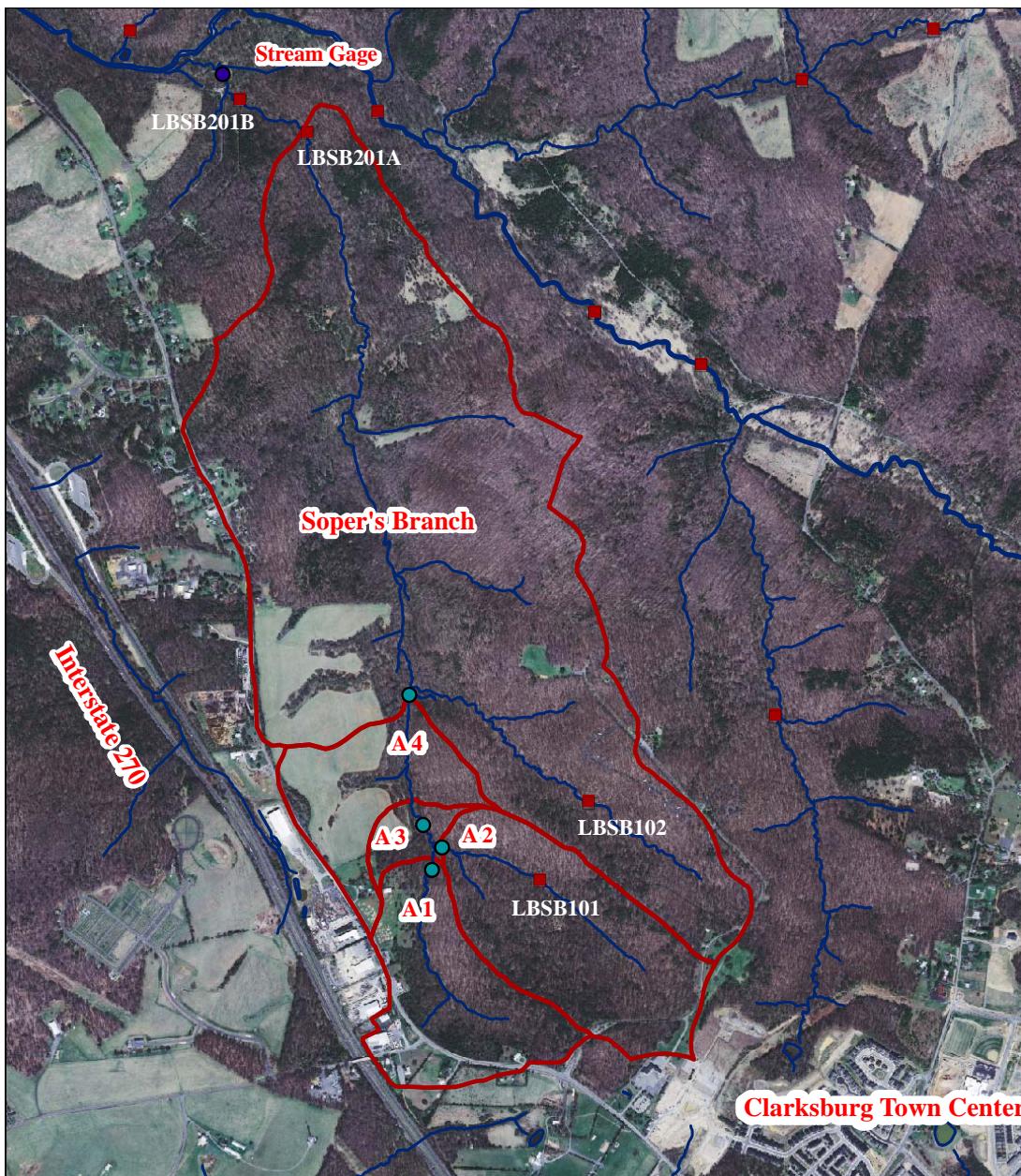


#### **TA-4. Stream Characteristics**

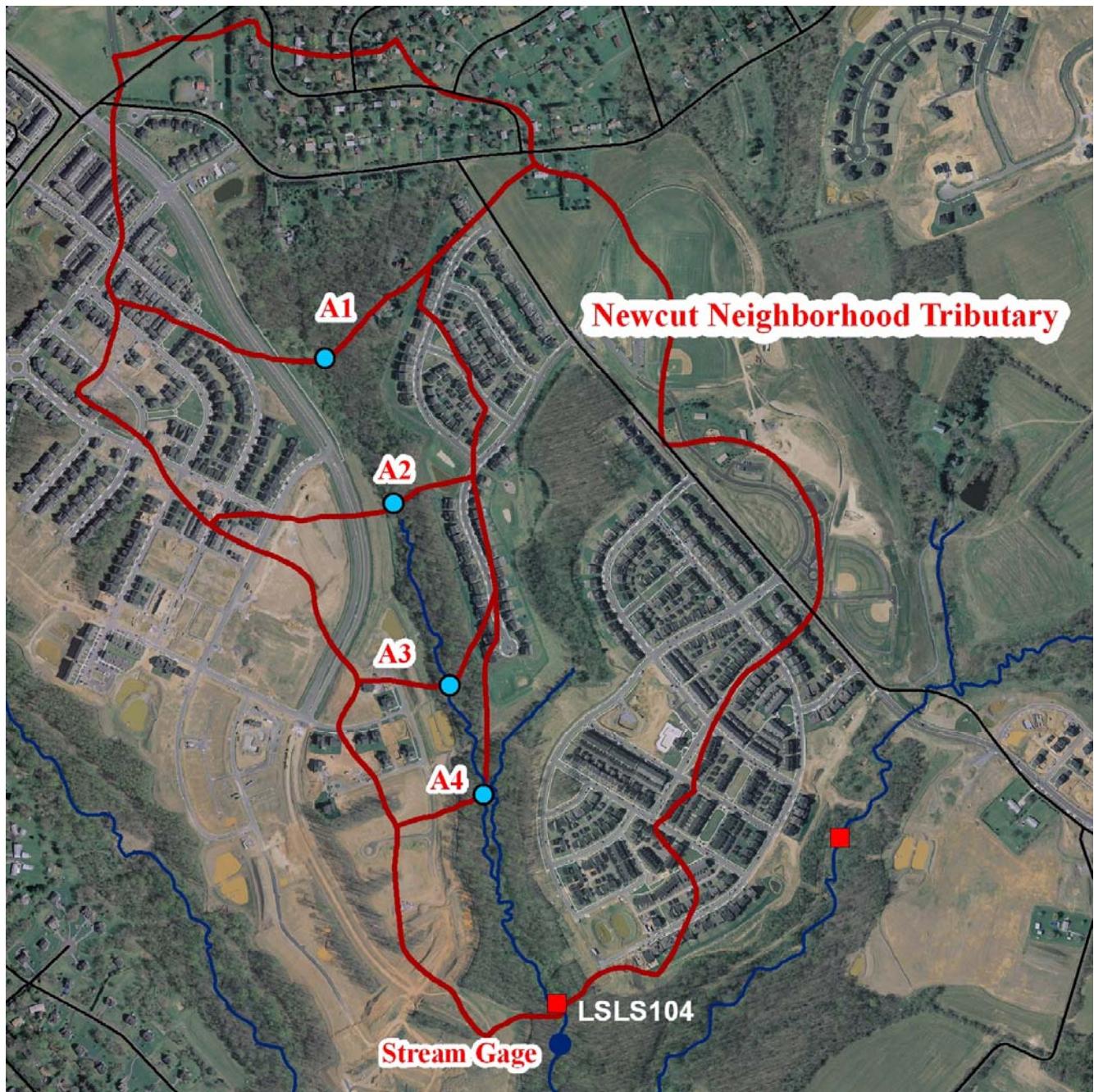
##### **TA-4.1 Landscape Changes in the Newcut Road area of Clarksburg** No appendix materials.

##### **TA-4.2 Hydrology**

###### **TA-4.2.2 Study Design and Data Collection Maps of Test and Control Drainage Areas**



**Figure TA-4.1.** Sopers Branch Control Subwatershed, Geomorphic Survey Areas and Stream Gage Location.



**Figure TA-4.2.** Newcut Road Neighborhood Test Subwatershed, Geomorphic Survey Areas and Stream Gage Location.



**Figure TA-4.3.** Germantown (Crystal Rock) Control Subwatershed, Geomorphic Survey Areas and Stream Gage Location.

### TA-4.2.3. Hydrologic Data Analysis and Interpretation

**Table TA-4. 1.** Characteristics of Control and Test Areas.

Study Tributary	Soper's Branch				LSLS104				LSLS109			Cabin Branch			Crystal Rock	
Type of site (anticipated year construction started)	Positive Control (no development)				New Stormwater Controls (2003)				New Stormwater Controls (mid-summer 2006)			New Stormwater Controls (Fall 2005)			Developed Control (Pre-2000 stormwater controls)	
Area	1	2	3	4	1	2	3	4	1	2	3	1	2	3	1	2
Drainage Area (mile <sup>2</sup> )	0.11	0.28	0.35	0.56	0.11	0.18	0.21	0.46	0.13	0.33	0.36	0.28	0.23	0.8	0.23	0.52
Length of longitudinal profile (ft)	123	125	269	206	159	163	234	436	154	177	132	219	126	263	115	327
Number of cross sections	2	2	3	2	2	2	4	3	2	2	1	2	2	2	1	2

**Table TA-4. 2.** Characteristics of Nine Storms > 0.5" Total, 2004 to 2007.

Date of Storm	Time (EST)	Storm Duration (Hours)	Storm Rainfall Total (inches)	Average Storm Intensity (in/hr)	Maximum Storm Intensity (in/hr)	Sopers Time of Concentration (Minutes)	Newcut Time of Concentration (Minutes)
6/11/2004	8:00- 20:30	12.50	0.80	0.06	0.36	255	110
7/23/2004	16:10 - 17:55	1.75	1.23	0.67	2.64	70	75
9/28/2004	2:00 - 18:25	16.42	2.25	0.14	1.80	70	65
6/25/2006	7:20 - 22:25	15.08	2.64	0.17	3.24	60	55
7/5/2006	21:05 - 23:50	2.75	1.74	0.61	3.48	30	25
4/14 to 4/15/2007	4/14/17:20 - 5/15/14:15	20.92	2.22	0.15	0.60	275	265
6/13/2007	16:25 - 18:50	2.42	0.68	0.27	1.92	70	80
7/29/2007	20:15 - 23:50	3.58	0.75	0.03	2.52	85	120
8/25/2007	15:40 - 21:55	6.25	1.70	0.27	6.00	65	80

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**Table TA-4. 3.** Daily Mean Discharge and Instantaneous Peak Discharges for Nine Storm Events > 0.5", 2004 to 2007.

Date of Storm	Time (EST)	Storm Duration (Hours)	Storm Rainfall Total (inches)	Average Storm Intensity (in/hr)	Maximum Storm Intensity (in/hr)	Sopers Daily Mean Discharge (in/hr/per acre)	Sopers Instantaneous Peak Discharge (in/hr/per acre)	Sopers Ratio IPD/DMD	Newcut Daily Mean Discharge (in/hr/per acre)	Newcut Instantaneous Peak Discharge (in/hr/per acre)	Newcut Ratio IPD/DMD
<b>6/11/2004</b>	8:00- 20:30	12.50	0.80	0.06	0.36	0.04	0.11	2.72	0.02	0.13	6.43
<b>7/23/2004</b>	16:10 - 17:55	1.75	1.23	0.67	2.64	0.09	0.89	10.23	0.04	0.94	26.26
<b>9/28/2004</b>	2:00 - 18:25	16.42	2.25	0.14	1.80	0.12	0.56	4.81	0.05	0.36	6.93
<b>6/25/2006</b>	7:20 - 22:25	15.08	2.64	0.17	3.24	0.06	0.35	6.00	0.10	1.64	16.27
<b>7/5/2006</b>	21:05 - 23:50	2.75	1.74	0.61	3.48	0.02	0.34	19.24	0.16	5.41	34.59
<b>4/14 to 4/15/ 2007</b>	4/14/17:20 - 5/15/14:15	20.92	2.22	0.11	0.60	0.29	0.59	2.05	0.08	0.22	2.58
<b>6/13/2007</b>	16:25 - 18:50	2.42	0.68	0.27	1.92	0.01	0.02	1.45	0.01	0.03	4.47
<b>7/29/2007</b>	20:15 - 23:50	3.58	0.75	0.03	2.52	0.01	0.03	5.52	0.002	0.002	1.05
<b>8/25/2007</b>	15:40 - 21:55	6.25	1.70	0.27	6.00	0.02	0.28	11.41	0.01	0.08	6.66

**Data for the Nine Storms****06/11/2004**

Date	Rainfall (inches)	Sopers Gage	Sopers_Adj.	LSLS104	LSLS104Adj
6/11/04 0:00	0.00	1.69	0.00226	0.57	0.00207
6/11/04 0:05	0.00	1.69	0.00226	0.57	0.00207
6/11/04 0:10	0.00	1.69	0.00226	0.57	0.00207
6/11/04 0:15	0.00	1.69	0.00226	0.57	0.00207
6/11/04 0:20	0.00	1.69	0.00226	0.57	0.00207
6/11/04 0:25	0.00	1.69	0.00226	0.57	0.00207
6/11/04 0:30	0.00	1.69	0.00226	0.57	0.00207
6/11/04 0:35	0.00	1.69	0.00226	0.57	0.00207
6/11/04 0:40	0.00	1.69	0.00226	0.57	0.00207
6/11/04 0:45	0.00	1.69	0.00226	0.57	0.00207
6/11/04 0:50	0.00	1.69	0.00226	0.57	0.00207
6/11/04 0:55	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:00	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:05	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:10	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:15	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:20	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:25	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:30	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:35	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:40	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:45	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:50	0.00	1.69	0.00226	0.57	0.00207
6/11/04 1:55	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:00	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:05	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:10	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:15	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:20	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:25	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:30	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:35	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:40	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:45	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:50	0.00	1.69	0.00226	0.57	0.00207
6/11/04 2:55	0.00	1.69	0.00226	0.57	0.00207
6/11/04 3:00	0.00	1.69	0.00226	0.57	0.00207
6/11/04 3:05	0.00	1.69	0.00226	0.57	0.00207
6/11/04 3:10	0.00	1.69	0.00226	0.57	0.00207
6/11/04 3:15	0.00	1.69	0.00226	0.57	0.00207
6/11/04 3:20	0.00	1.69	0.00226	0.57	0.00207
6/11/04 3:25	0.00	1.69	0.00226	0.57	0.00207
6/11/04 3:30	0.00	1.69	0.00226	0.57	0.00207
6/11/04 3:35	0.00	1.69	0.00226	0.57	0.00207

6/11/04 3:40	0.00	1.69	0.00226	0.57	0.00207
6/11/04 3:45	0.00	1.69	0.00226	0.57	0.00207
6/11/04 3:50	0.00	1.69	0.00226	0.57	0.00207
6/11/04 3:55	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:00	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:05	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:10	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:15	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:20	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:25	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:30	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:35	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:40	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:45	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:50	0.00	1.69	0.00226	0.57	0.00207
6/11/04 4:55	0.00	1.69	0.00226	0.57	0.00207
6/11/04 5:00	0.00	1.69	0.00226	0.57	0.00207
6/11/04 5:05	0.00	1.69	0.00226	0.57	0.00207
6/11/04 5:10	0.00	1.69	0.00226	0.57	0.00207
6/11/04 5:15	0.00	1.69	0.00226	0.57	0.00207
6/11/04 5:20	0.00	1.69	0.00226	0.57	0.00207
6/11/04 5:25	0.00	1.69	0.00226	0.57	0.00207
6/11/04 5:30	0.00	1.69	0.00226	0.57	0.00207
6/11/04 5:35	0.00	1.69	0.00226	0.57	0.00207
6/11/04 5:40	0.00	1.69	0.00226	0.57	0.00207
6/11/04 5:45	0.01	1.69	0.00226	0.57	0.00207
6/11/04 5:50	0.00	1.69	0.00226	0.57	0.00207
6/11/04 5:55	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:00	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:05	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:10	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:15	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:20	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:25	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:30	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:35	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:40	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:45	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:50	0.00	1.69	0.00226	0.57	0.00207
6/11/04 6:55	0.00	1.69	0.00226	0.57	0.00207
6/11/04 7:00	0.00	1.69	0.00226	0.57	0.00207
6/11/04 7:05	0.00	1.69	0.00226	0.57	0.00207
6/11/04 7:10	0.00	1.69	0.00226	0.57	0.00207
6/11/04 7:15	0.00	1.69	0.00226	0.57	0.00207
6/11/04 7:20	0.00	1.69	0.00226	0.57	0.00207
6/11/04 7:25	0.00	1.69	0.00226	0.57	0.00207
6/11/04 7:30	0.00	1.69	0.00226	0.57	0.00207
6/11/04 7:35	0.00	1.69	0.00226	0.57	0.00207
6/11/04 7:40	0.00	1.69	0.00226	0.57	0.00207
6/11/04 7:45	0.00	1.69	0.00226	0.57	0.00207

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6/11/04 7:50	0.00	1.69	0.00226	0.57	0.00207
6/11/04 7:55	0.00	1.69	0.00226	0.57	0.00207
6/11/04 8:00	0.01	1.69	0.00226	0.57	0.00207
6/11/04 8:05	0.00	1.69	0.00226	0.57	0.00207
6/11/04 8:10	0.00	1.69	0.00226	0.57	0.00207
6/11/04 8:15	0.00	1.69	0.00226	0.57	0.00207
6/11/04 8:20	0.01	1.69	0.00226	0.57	0.00207
6/11/04 8:25	0.00	1.69	0.00226	0.57	0.00207
6/11/04 8:30	0.00	1.69	0.00226	0.57	0.00207
6/11/04 8:35	0.00	1.69	0.00226	0.57	0.00207
6/11/04 8:40	0.00	1.69	0.00226	0.57	0.00207
6/11/04 8:45	0.00	1.69	0.00226	0.57	0.00207
6/11/04 8:50	0.00	1.69	0.00226	0.57	0.00207
6/11/04 8:55	0.00	1.69	0.00226	0.57	0.00207
6/11/04 9:00	0.00	1.69	0.00226	0.57	0.00207
6/11/04 9:05	0.01	1.69	0.00226	0.57	0.00207
6/11/04 9:10	0.00	1.69	0.00226	0.57	0.00207
6/11/04 9:15	0.00	1.69	0.00226	0.57	0.00207
6/11/04 9:20	0.00	1.69	0.00226	0.57	0.00207
6/11/04 9:25	0.01	1.69	0.00226	0.57	0.00207
6/11/04 9:30	0.00	1.69	0.00226	0.57	0.00207
6/11/04 9:35	0.01	1.69	0.00226	0.57	0.00207
6/11/04 9:40	0.00	1.69	0.00226	0.57	0.00207
6/11/04 9:45	0.01	1.69	0.00226	0.57	0.00207
6/11/04 9:50	0.02	1.69	0.00226	0.63	0.00229
6/11/04 9:55	0.01	1.69	0.00226	0.57	0.00207
6/11/04 10:00	0.00	1.69	0.00226	0.63	0.00229
6/11/04 10:05	0.00	1.69	0.00226	0.57	0.00207
6/11/04 10:10	0.00	1.69	0.00226	0.63	0.00229
6/11/04 10:15	0.00	1.69	0.00226	0.63	0.00229
6/11/04 10:20	0.00	1.69	0.00226	0.63	0.00229
6/11/04 10:25	0.00	1.69	0.00226	0.63	0.00229
6/11/04 10:30	0.00	1.69	0.00226	0.63	0.00229
6/11/04 10:35	0.00	1.69	0.00226	0.63	0.00229
6/11/04 10:40	0.01	1.69	0.00226	0.63	0.00229
6/11/04 10:45	0.00	1.69	0.00226	0.63	0.00229
6/11/04 10:50	0.00	1.69	0.00226	0.63	0.00229
6/11/04 10:55	0.00	1.69	0.00226	0.63	0.00229
6/11/04 11:00	0.00	1.69	0.00226	0.63	0.00229
6/11/04 11:05	0.00	1.69	0.00226	0.63	0.00229
6/11/04 11:10	0.00	1.69	0.00226	0.63	0.00229
6/11/04 11:15	0.01	1.69	0.00226	0.63	0.00229
6/11/04 11:20	0.00	1.69	0.00226	0.63	0.00229
6/11/04 11:25	0.00	1.69	0.00226	0.63	0.00229
6/11/04 11:30	0.00	1.69	0.00226	0.63	0.00229
6/11/04 11:35	0.01	1.69	0.00226	0.63	0.00229
6/11/04 11:40	0.00	1.69	0.00226	0.63	0.00229
6/11/04 11:45	0.00	1.69	0.00226	0.63	0.00229
6/11/04 11:50	0.01	1.69	0.00226	0.63	0.00229
6/11/04 11:55	0.00	1.69	0.00226	0.63	0.00229

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6/11/04 12:00	0.00	1.69	0.00226	0.63	0.00229
6/11/04 12:05	0.00	1.69	0.00226	0.63	0.00229
6/11/04 12:10	0.00	1.69	0.00226	0.63	0.00229
6/11/04 12:15	0.01	1.86	0.00248	0.63	0.00229
6/11/04 12:20	0.00	1.86	0.00248	0.63	0.00229
6/11/04 12:25	0.00	1.86	0.00248	0.63	0.00229
6/11/04 12:30	0.01	1.86	0.00248	0.63	0.00229
6/11/04 12:35	0.00	1.86	0.00248	0.63	0.00229
6/11/04 12:40	0.00	1.86	0.00248	0.69	0.00251
6/11/04 12:45	0.00	1.86	0.00248	0.69	0.00251
6/11/04 12:50	0.00	1.86	0.00248	0.69	0.00251
6/11/04 12:55	0.00	1.86	0.00248	0.69	0.00251
6/11/04 13:00	0.00	1.86	0.00248	0.69	0.00251
6/11/04 13:05	0.00	1.86	0.00248	0.69	0.00251
6/11/04 13:10	0.00	1.86	0.00248	0.63	0.00229
6/11/04 13:15	0.00	1.86	0.00248	0.63	0.00229
6/11/04 13:20	0.00	1.86	0.00248	0.63	0.00229
6/11/04 13:25	0.00	1.86	0.00248	0.63	0.00229
6/11/04 13:30	0.00	1.86	0.00248	0.69	0.00251
6/11/04 13:35	0.00	1.86	0.00248	0.63	0.00229
6/11/04 13:40	0.00	2.00	0.00267	0.69	0.00251
6/11/04 13:45	0.00	2.00	0.00267	0.63	0.00229
6/11/04 13:50	0.00	2.00	0.00267	0.63	0.00229
6/11/04 13:55	0.00	2.00	0.00267	0.69	0.00251
6/11/04 14:00	0.00	2.00	0.00267	0.63	0.00229
6/11/04 14:05	0.00	2.00	0.00267	0.63	0.00229
6/11/04 14:10	0.00	2.00	0.00267	0.63	0.00229
6/11/04 14:15	0.00	2.00	0.00267	0.63	0.00229
6/11/04 14:20	0.00	2.00	0.00267	0.63	0.00229
6/11/04 14:25	0.00	2.00	0.00267	0.63	0.00229
6/11/04 14:30	0.00	2.00	0.00267	0.63	0.00229
6/11/04 14:35	0.01	2.00	0.00267	0.63	0.00229
6/11/04 14:40	0.00	2.00	0.00267	0.63	0.00229
6/11/04 14:45	0.00	2.00	0.00267	0.63	0.00229
6/11/04 14:50	0.00	2.00	0.00267	0.63	0.00229
6/11/04 14:55	0.00	2.00	0.00267	0.63	0.00229
6/11/04 15:00	0.00	1.86	0.00248	0.63	0.00229
6/11/04 15:05	0.00	2.00	0.00267	0.63	0.00229
6/11/04 15:10	0.01	2.00	0.00267	0.63	0.00229
6/11/04 15:15	0.00	1.86	0.00248	0.63	0.00229
6/11/04 15:20	0.01	1.86	0.00248	0.63	0.00229
6/11/04 15:25	0.00	1.86	0.00248	0.63	0.00229
6/11/04 15:30	0.00	1.86	0.00248	0.63	0.00229
6/11/04 15:35	0.01	1.86	0.00248	0.63	0.00229
6/11/04 15:40	0.00	1.86	0.00248	0.63	0.00229
6/11/04 15:45	0.03	1.86	0.00248	0.63	0.00229
6/11/04 15:50	0.01	1.86	0.00248	0.63	0.00229
6/11/04 15:55	0.01	1.86	0.00248	0.63	0.00229
6/11/04 16:00	0.01	1.86	0.00248	0.63	0.00229
6/11/04 16:05	0.00	1.86	0.00248	0.63	0.00229

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6/11/04 16:10	0.00	1.86	0.00248	0.63	0.00229
6/11/04 16:15	0.01	1.86	0.00248	0.63	0.00229
6/11/04 16:20	0.01	1.86	0.00248	0.63	0.00229
6/11/04 16:25	0.00	1.86	0.00248	0.63	0.00229
6/11/04 16:30	0.02	1.86	0.00248	0.63	0.00229
6/11/04 16:35	0.01	1.86	0.00248	0.63	0.00229
6/11/04 16:40	0.02	1.86	0.00248	0.63	0.00229
6/11/04 16:45	0.01	1.86	0.00248	0.63	0.00229
6/11/04 16:50	0.01	2.00	0.00267	0.63	0.00229
6/11/04 16:55	0.02	2.00	0.00267	0.69	0.00251
6/11/04 17:00	0.01	2.00	0.00267	0.69	0.00251
6/11/04 17:05	0.02	2.00	0.00267	0.69	0.00251
6/11/04 17:10	0.02	2.00	0.00267	0.69	0.00251
6/11/04 17:15	0.01	2.00	0.00267	0.69	0.00251
6/11/04 17:20	0.01	2.00	0.00267	0.69	0.00251
6/11/04 17:25	0.01	2.00	0.00267	0.69	0.00251
6/11/04 17:30	0.01	2.00	0.00267	0.69	0.00251
6/11/04 17:35	0.01	2.00	0.00267	0.75	0.00273
6/11/04 17:40	0.01	2.00	0.00267	0.75	0.00273
6/11/04 17:45	0.02	2.00	0.00267	0.75	0.00273
6/11/04 17:50	0.02	2.15	0.00287	0.75	0.00273
6/11/04 17:55	0.01	2.15	0.00287	0.82	0.00298
6/11/04 18:00	0.02	2.31	0.00308	0.82	0.00298
6/11/04 18:05	0.02	2.31	0.00308	0.82	0.00298
6/11/04 18:10	0.01	2.47	0.00330	0.88	0.00320
6/11/04 18:15	0.01	2.47	0.00330	0.88	0.00320
6/11/04 18:20	0.01	2.47	0.00330	0.96	0.00349
6/11/04 18:25	0.01	2.47	0.00330	0.96	0.00349
6/11/04 18:30	0.03	2.47	0.00330	0.96	0.00349
6/11/04 18:35	0.02	2.64	0.00353	1.00	0.00363
6/11/04 18:40	0.01	2.64	0.00353	1.00	0.00363
6/11/04 18:45	0.02	2.64	0.00353	1.10	0.00400
6/11/04 18:50	0.01	2.82	0.00377	1.10	0.00400
6/11/04 18:55	0.01	2.82	0.00377	1.20	0.00436
6/11/04 19:00	0.00	3.01	0.00402	1.20	0.00436
6/11/04 19:05	0.01	3.01	0.00402	1.30	0.00472
6/11/04 19:10	0.01	3.21	0.00429	1.40	0.00509
6/11/04 19:15	0.01	3.21	0.00429	1.40	0.00509
6/11/04 19:20	0.01	3.42	0.00456	1.70	0.00618
6/11/04 19:25	0.00	3.42	0.00456	3.30	0.01199
6/11/04 19:30	0.01	3.63	0.00485	4.10	0.01490
6/11/04 19:35	0.00	3.86	0.00515	4.50	0.01635
6/11/04 19:40	0.01	3.86	0.00515	4.90	0.01781
6/11/04 19:45	0.01	4.09	0.00546	5.20	0.01890
6/11/04 19:50	0.00	4.09	0.00546	5.20	0.01890
6/11/04 19:55	0.01	4.09	0.00546	5.40	0.01962
6/11/04 20:00	0.00	4.09	0.00546	5.40	0.01962
6/11/04 20:05	0.01	4.33	0.00579	6.00	0.02180
6/11/04 20:10	0.00	4.33	0.00579	7.10	0.02580
6/11/04 20:15	0.00	4.33	0.00579	8.30	0.03016

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6/11/04 20:20	0.00	4.59	0.00613	9.00	0.03270
6/11/04 20:25	0.00	4.59	0.00613	9.00	0.03270
6/11/04 20:30	0.01	4.85	0.00648	8.70	0.03161
6/11/04 20:35	0.00	4.85	0.00648	8.30	0.03016
6/11/04 20:40	0.00	5.13	0.00685	8.30	0.03016
6/11/04 20:45	0.00	5.13	0.00685	8.00	0.02907
6/11/04 20:50	0.00	5.41	0.00723	7.70	0.02798
6/11/04 20:55	0.00	5.71	0.00762	7.70	0.02798
6/11/04 21:00	0.00	6.01	0.00803	7.40	0.02689
6/11/04 21:05	0.00	6.01	0.00803	6.80	0.02471
6/11/04 21:10	0.00	6.33	0.00845	6.50	0.02362
6/11/04 21:15	0.00	6.33	0.00845	6.20	0.02253
6/11/04 21:20	0.00	6.33	0.00845	5.70	0.02071
6/11/04 21:25	0.00	6.33	0.00845	5.70	0.02071
6/11/04 21:30	0.00	6.66	0.00889	5.20	0.01890
6/11/04 21:35	0.00	6.66	0.00889	5.20	0.01890
6/11/04 21:40	0.00	6.66	0.00889	4.90	0.01781
6/11/04 21:45	0.00	6.66	0.00889	4.70	0.01708
6/11/04 21:50	0.00	7.00	0.00935	4.50	0.01635
6/11/04 21:55	0.00	7.00	0.00935	4.30	0.01563
6/11/04 22:00	0.00	7.00	0.00935	4.10	0.01490
6/11/04 22:05	0.00	7.00	0.00935	3.80	0.01381
6/11/04 22:10	0.00	6.66	0.00889	3.60	0.01308
6/11/04 22:15	0.00	6.66	0.00889	3.50	0.01272
6/11/04 22:20	0.00	6.66	0.00889	3.30	0.01199
6/11/04 22:25	0.00	6.66	0.00889	3.20	0.01163
6/11/04 22:30	0.00	6.66	0.00889	3.00	0.01090
6/11/04 22:35	0.00	6.66	0.00889	2.80	0.01017
6/11/04 22:40	0.00	6.33	0.00845	2.70	0.00981
6/11/04 22:45	0.00	6.33	0.00845	2.60	0.00945
6/11/04 22:50	0.00	6.33	0.00845	2.60	0.00945
6/11/04 22:55	0.00	6.33	0.00845	2.40	0.00872
6/11/04 23:00	0.00	6.33	0.00845	2.30	0.00836
6/11/04 23:05	0.00	6.33	0.00845	2.10	0.00763
6/11/04 23:10	0.00	6.33	0.00845	2.10	0.00763
6/11/04 23:15	0.00	6.01	0.00803	2.00	0.00727
6/11/04 23:20	0.00	6.01	0.00803	2.00	0.00727
6/11/04 23:25	0.00	6.01	0.00803	1.90	0.00690
6/11/04 23:30	0.00	5.71	0.00762	1.90	0.00690
6/11/04 23:35	0.00	5.71	0.00762	1.80	0.00654
6/11/04 23:40	0.00	5.71	0.00762	1.80	0.00654
6/11/04 23:45	0.00	5.41	0.00723	1.70	0.00618
6/11/04 23:50	0.00	5.41	0.00723	1.70	0.00618
6/11/04 23:55	0.00	5.13	0.00685	1.70	0.00618
Total Rainfall	0.81		0.00343		0.00509
		Daily Mean Dis.	0.04119		0.02034
			0.00935		0.03270
		Inst. Peak Dis.	0.11218		0.13081
		Ratio	2.72		6.43

**07/23/2004**

Date	Rainfall (inches)	Sopers Gage	Sopers_Adj.	LSLS104	LSLS104Adj
7/23/04 0:00	0.00	2.47	0.00330	0.57	0.00207
7/23/04 0:05	0.00	2.31	0.00308	0.57	0.00207
7/23/04 0:10	0.00	2.31	0.00308	0.57	0.00207
7/23/04 0:15	0.00	2.31	0.00308	0.57	0.00207
7/23/04 0:20	0.00	2.31	0.00308	0.57	0.00207
7/23/04 0:25	0.00	2.31	0.00308	0.57	0.00207
7/23/04 0:30	0.00	2.31	0.00308	0.57	0.00207
7/23/04 0:35	0.00	2.31	0.00308	0.57	0.00207
7/23/04 0:40	0.00	2.15	0.00287	0.57	0.00207
7/23/04 0:45	0.00	2.15	0.00287	0.57	0.00207
7/23/04 0:50	0.00	2.15	0.00287	0.57	0.00207
7/23/04 0:55	0.00	2.15	0.00287	0.57	0.00207
7/23/04 1:00	0.00	2.15	0.00287	0.57	0.00207
7/23/04 1:05	0.00	2.15	0.00287	0.52	0.00189
7/23/04 1:10	0.00	2.15	0.00287	0.52	0.00189
7/23/04 1:15	0.00	2.15	0.00287	0.52	0.00189
7/23/04 1:20	0.00	2.15	0.00287	0.52	0.00189
7/23/04 1:25	0.00	2.15	0.00287	0.52	0.00189
7/23/04 1:30	0.00	2.00	0.00267	0.52	0.00189
7/23/04 1:35	0.00	2.00	0.00267	0.52	0.00189
7/23/04 1:40	0.00	2.00	0.00267	0.52	0.00189
7/23/04 1:45	0.00	2.00	0.00267	0.52	0.00189
7/23/04 1:50	0.00	2.00	0.00267	0.52	0.00189
7/23/04 1:55	0.00	2.00	0.00267	0.52	0.00189
7/23/04 2:00	0.00	2.00	0.00267	0.52	0.00189
7/23/04 2:05	0.01	2.00	0.00267	0.52	0.00189
7/23/04 2:10	0.00	2.00	0.00267	0.52	0.00189
7/23/04 2:15	0.00	2.00	0.00267	0.52	0.00189
7/23/04 2:20	0.00	2.00	0.00267	0.52	0.00189
7/23/04 2:25	0.00	2.00	0.00267	0.52	0.00189
7/23/04 2:30	0.00	2.00	0.00267	0.52	0.00189
7/23/04 2:35	0.00	2.00	0.00267	0.52	0.00189
7/23/04 2:40	0.00	2.00	0.00267	0.52	0.00189
7/23/04 2:45	0.00	2.00	0.00267	0.52	0.00189
7/23/04 2:50	0.00	2.00	0.00267	0.47	0.00171
7/23/04 2:55	0.00	2.00	0.00267	0.47	0.00171
7/23/04 3:00	0.00	2.00	0.00267	0.47	0.00171
7/23/04 3:05	0.00	2.00	0.00267	0.47	0.00171
7/23/04 3:10	0.00	2.00	0.00267	0.47	0.00171
7/23/04 3:15	0.00	2.00	0.00267	0.47	0.00171
7/23/04 3:20	0.00	2.00	0.00267	0.47	0.00171
7/23/04 3:25	0.00	2.00	0.00267	0.47	0.00171
7/23/04 3:30	0.00	2.00	0.00267	0.47	0.00171
7/23/04 3:35	0.00	2.00	0.00267	0.47	0.00171
7/23/04 3:40	0.00	2.00	0.00267	0.47	0.00171
7/23/04 3:45	0.00	2.00	0.00267	0.47	0.00171

7/23/04 3:50	0.00	1.86	0.00248	0.47	0.00171
7/23/04 3:55	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:00	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:05	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:10	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:15	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:20	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:25	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:30	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:35	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:40	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:45	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:50	0.00	1.86	0.00248	0.47	0.00171
7/23/04 4:55	0.00	1.86	0.00248	0.47	0.00171
7/23/04 5:00	0.00	1.86	0.00248	0.47	0.00171
7/23/04 5:05	0.00	1.86	0.00248	0.47	0.00171
7/23/04 5:10	0.00	1.86	0.00248	0.47	0.00171
7/23/04 5:15	0.00	1.69	0.00226	0.47	0.00171
7/23/04 5:20	0.00	1.69	0.00226	0.47	0.00171
7/23/04 5:25	0.00	1.69	0.00226	0.47	0.00171
7/23/04 5:30	0.00	1.69	0.00226	0.47	0.00171
7/23/04 5:35	0.00	1.69	0.00226	0.47	0.00171
7/23/04 5:40	0.00	1.69	0.00226	0.42	0.00153
7/23/04 5:45	0.00	1.69	0.00226	0.42	0.00153
7/23/04 5:50	0.00	1.69	0.00226	0.42	0.00153
7/23/04 5:55	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:00	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:05	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:10	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:15	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:20	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:25	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:30	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:35	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:40	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:45	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:50	0.00	1.69	0.00226	0.42	0.00153
7/23/04 6:55	0.00	1.69	0.00226	0.42	0.00153
7/23/04 7:00	0.00	1.69	0.00226	0.42	0.00153
7/23/04 7:05	0.00	1.69	0.00226	0.42	0.00153
7/23/04 7:10	0.00	1.69	0.00226	0.42	0.00153
7/23/04 7:15	0.00	1.69	0.00226	0.42	0.00153
7/23/04 7:20	0.00	1.69	0.00226	0.42	0.00153
7/23/04 7:25	0.00	1.69	0.00226	0.42	0.00153
7/23/04 7:30	0.00	1.69	0.00226	0.42	0.00153
7/23/04 7:35	0.00	1.69	0.00226	0.42	0.00153
7/23/04 7:40	0.00	1.54	0.00205	0.42	0.00153
7/23/04 7:45	0.00	1.54	0.00205	0.42	0.00153
7/23/04 7:50	0.00	1.54	0.00205	0.42	0.00153
7/23/04 7:55	0.00	1.54	0.00205	0.42	0.00153

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7/23/04 8:00	0.00	1.54	0.00205	0.42	0.00153
7/23/04 8:05	0.00	1.54	0.00205	0.42	0.00153
7/23/04 8:10	0.00	1.54	0.00205	0.42	0.00153
7/23/04 8:15	0.00	1.54	0.00205	0.42	0.00153
7/23/04 8:20	0.00	1.54	0.00205	0.42	0.00153
7/23/04 8:25	0.00	1.54	0.00205	0.42	0.00153
7/23/04 8:30	0.00	1.54	0.00205	0.42	0.00153
7/23/04 8:35	0.00	1.54	0.00205	0.42	0.00153
7/23/04 8:40	0.00	1.54	0.00205	0.42	0.00153
7/23/04 8:45	0.00	1.54	0.00205	0.42	0.00153
7/23/04 8:50	0.00	1.54	0.00205	0.42	0.00153
7/23/04 8:55	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:00	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:05	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:10	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:15	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:20	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:25	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:30	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:35	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:40	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:45	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:50	0.00	1.54	0.00205	0.42	0.00153
7/23/04 9:55	0.00	1.54	0.00205	0.42	0.00153
7/23/04 10:00	0.00	1.54	0.00205	0.42	0.00153
7/23/04 10:05	0.00	1.54	0.00205	0.42	0.00153
7/23/04 10:10	0.00	1.54	0.00205	0.42	0.00153
7/23/04 10:15	0.00	1.54	0.00205	0.42	0.00153
7/23/04 10:20	0.00	1.54	0.00205	0.42	0.00153
7/23/04 10:25	0.00	1.54	0.00205	0.42	0.00153
7/23/04 10:30	0.00	1.54	0.00205	0.42	0.00153
7/23/04 10:35	0.00	1.54	0.00205	0.42	0.00153
7/23/04 10:40	0.00	1.54	0.00205	0.42	0.00153
7/23/04 10:45	0.00	1.54	0.00205	0.42	0.00153
7/23/04 10:50	0.00	1.54	0.00205	0.38	0.00138
7/23/04 10:55	0.00	1.54	0.00205	0.42	0.00153
7/23/04 11:00	0.00	1.54	0.00205	0.38	0.00138
7/23/04 11:05	0.00	1.54	0.00205	0.38	0.00138
7/23/04 11:10	0.00	1.54	0.00205	0.38	0.00138
7/23/04 11:15	0.00	1.54	0.00205	0.38	0.00138
7/23/04 11:20	0.00	1.54	0.00205	0.38	0.00138
7/23/04 11:25	0.00	1.54	0.00205	0.38	0.00138
7/23/04 11:30	0.00	1.54	0.00205	0.38	0.00138
7/23/04 11:35	0.00	1.54	0.00205	0.38	0.00138
7/23/04 11:40	0.00	1.54	0.00205	0.38	0.00138
7/23/04 11:45	0.00	1.54	0.00205	0.38	0.00138
7/23/04 11:50	0.00	1.54	0.00205	0.38	0.00138
7/23/04 11:55	0.00	1.39	0.00186	0.38	0.00138
7/23/04 12:00	0.00	1.39	0.00186	0.38	0.00138
7/23/04 12:05	0.00	1.39	0.00186	0.38	0.00138

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7/23/04 12:10	0.00	1.39	0.00186	0.38	0.00138
7/23/04 12:15	0.00	1.39	0.00186	0.38	0.00138
7/23/04 12:20	0.00	1.39	0.00186	0.38	0.00138
7/23/04 12:25	0.00	1.39	0.00186	0.38	0.00138
7/23/04 12:30	0.00	1.39	0.00186	0.38	0.00138
7/23/04 12:35	0.00	1.39	0.00186	0.38	0.00138
7/23/04 12:40	0.00	1.39	0.00186	0.38	0.00138
7/23/04 12:45	0.00	1.39	0.00186	0.38	0.00138
7/23/04 12:50	0.00	1.39	0.00186	0.38	0.00138
7/23/04 12:55	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:00	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:05	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:10	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:15	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:20	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:25	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:30	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:35	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:40	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:45	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:50	0.00	1.39	0.00186	0.38	0.00138
7/23/04 13:55	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:00	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:05	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:10	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:15	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:20	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:25	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:30	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:35	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:40	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:45	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:50	0.00	1.39	0.00186	0.38	0.00138
7/23/04 14:55	0.00	1.39	0.00186	0.38	0.00138
7/23/04 15:00	0.00	1.39	0.00186	0.38	0.00138
7/23/04 15:05	0.00	1.39	0.00186	0.38	0.00138
7/23/04 15:10	0.00	1.39	0.00186	0.38	0.00138
7/23/04 15:15	0.00	1.39	0.00186	0.38	0.00138
7/23/04 15:20	0.00	1.39	0.00186	0.38	0.00138
7/23/04 15:25	0.00	1.39	0.00186	0.38	0.00138
7/23/04 15:30	0.00	1.39	0.00186	0.38	0.00138
7/23/04 15:35	0.00	1.39	0.00186	0.38	0.00138
7/23/04 15:40	0.00	1.39	0.00186	0.38	0.00138
7/23/04 15:45	0.00	1.39	0.00186	0.38	0.00138
7/23/04 15:50	0.00	1.39	0.00186	0.34	0.00124
7/23/04 15:55	0.00	1.39	0.00186	0.34	0.00124
7/23/04 16:00	0.00	1.39	0.00186	0.34	0.00124
7/23/04 16:05	0.00	1.39	0.00186	0.34	0.00124
7/23/04 16:10	0.02	1.39	0.00186	0.34	0.00124
7/23/04 16:15	0.17	1.39	0.00186	0.34	0.00124

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7/23/04 16:20	0.22	1.39	0.00186	0.34	0.00124
7/23/04 16:25	0.20	1.39	0.00186	0.34	0.00124
7/23/04 16:30	0.17	1.39	0.00186	0.34	0.00124
7/23/04 16:35	0.13	1.39	0.00186	0.34	0.00124
7/23/04 16:40	0.14	1.39	0.00186	0.34	0.00124
7/23/04 16:45	0.06	1.39	0.00186	0.34	0.00124
7/23/04 16:50	0.01	1.39	0.00186	0.34	0.00124
7/23/04 16:55	0.01	1.39	0.00186	0.34	0.00124
7/23/04 17:00	0.01	1.39	0.00186	0.34	0.00124
7/23/04 17:05	0.01	1.39	0.00186	0.34	0.00124
7/23/04 17:10	0.01	1.39	0.00186	0.34	0.00124
7/23/04 17:15	0.02	1.39	0.00186	0.34	0.00124
7/23/04 17:20	0.00	4.09	0.00546	0.34	0.00124
7/23/04 17:25	0.01	9.06	0.01211	0.38	0.00138
7/23/04 17:30	0.01	13.80	0.01843	0.47	0.00171
7/23/04 17:35	0.01	14.91	0.01992	0.75	0.00273
7/23/04 17:40	0.01	15.20	0.02030	0.88	0.00320
7/23/04 17:45	0.00	14.63	0.01954	1.40	0.00509
7/23/04 17:50	0.00	13.80	0.01843	2.10	0.00763
7/23/04 17:55	0.01	13.80	0.01843	44.00	0.15988
7/23/04 18:00	0.00	14.91	0.01992	63.00	0.22892
7/23/04 18:05	0.00	15.48	0.02068	65.00	0.23619
7/23/04 18:10	0.00	32.19	0.04299	49.00	0.17805
7/23/04 18:15	0.00	44.94	0.06001	41.00	0.14898
7/23/04 18:20	0.00	52.02	0.06948	32.00	0.11628
7/23/04 18:25	0.00	55.66	0.07434	26.00	0.09448
7/23/04 18:30	0.00	54.00	0.07212	21.00	0.07631
7/23/04 18:35	0.00	52.35	0.06991	18.00	0.06541
7/23/04 18:40	0.00	48.77	0.06513	15.00	0.05451
7/23/04 18:45	0.00	43.37	0.05791	14.00	0.05087
7/23/04 18:50	0.00	39.34	0.05254	13.00	0.04724
7/23/04 18:55	0.00	35.72	0.04771	11.00	0.03997
7/23/04 19:00	0.00	33.36	0.04455	10.00	0.03634
7/23/04 19:05	0.00	30.75	0.04107	9.70	0.03525
7/23/04 19:10	0.00	29.04	0.03878	9.20	0.03343
7/23/04 19:15	0.00	26.25	0.03506	8.70	0.03161
7/23/04 19:20	0.00	25.70	0.03432	8.20	0.02980
7/23/04 19:25	0.00	23.53	0.03143	8.00	0.02907
7/23/04 19:30	0.00	21.99	0.02937	7.50	0.02725
7/23/04 19:35	0.00	21.01	0.02805	7.20	0.02616
7/23/04 19:40	0.00	20.04	0.02676	6.50	0.02362
7/23/04 19:45	0.00	18.78	0.02508	6.20	0.02253
7/23/04 19:50	0.00	18.16	0.02425	5.60	0.02035
7/23/04 19:55	0.00	17.25	0.02303	5.10	0.01853
7/23/04 20:00	0.00	16.65	0.02224	5.10	0.01853
7/23/04 20:05	0.00	15.77	0.02106	4.80	0.01744
7/23/04 20:10	0.00	15.20	0.02030	4.60	0.01672
7/23/04 20:15	0.00	14.63	0.01954	4.30	0.01563
7/23/04 20:20	0.00	14.08	0.01880	3.90	0.01417
7/23/04 20:25	0.00	13.39	0.01788	3.90	0.01417

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7/23/04 20:30	0.00	12.60	0.01683	3.60	0.01308
7/23/04 20:35	0.00	11.84	0.01581	3.40	0.01235
7/23/04 20:40	0.00	11.46	0.01531	3.20	0.01163
7/23/04 20:45	0.00	10.74	0.01435	3.20	0.01163
7/23/04 20:50	0.00	10.39	0.01388	3.10	0.01126
7/23/04 20:55	0.00	9.72	0.01297	3.10	0.01126
7/23/04 21:00	0.00	9.39	0.01254	2.90	0.01054
7/23/04 21:05	0.00	9.06	0.01211	2.90	0.01054
7/23/04 21:10	0.00	8.75	0.01169	2.70	0.00981
7/23/04 21:15	0.00	8.44	0.01127	2.50	0.00908
7/23/04 21:20	0.00	7.85	0.01048	2.50	0.00908
7/23/04 21:25	0.00	7.56	0.01009	2.50	0.00908
7/23/04 21:30	0.00	7.28	0.00972	2.40	0.00872
7/23/04 21:35	0.00	7.28	0.00972	2.40	0.00872
7/23/04 21:40	0.00	7.00	0.00935	2.40	0.00872
7/23/04 21:45	0.00	6.66	0.00889	2.20	0.00799
7/23/04 21:50	0.00	6.33	0.00845	2.10	0.00763
7/23/04 21:55	0.00	6.01	0.00803	2.10	0.00763
7/23/04 22:00	0.00	6.01	0.00803	1.90	0.00690
7/23/04 22:05	0.00	5.71	0.00762	1.90	0.00690
7/23/04 22:10	0.00	5.41	0.00723	1.90	0.00690
7/23/04 22:15	0.00	5.13	0.00685	1.90	0.00690
7/23/04 22:20	0.00	4.85	0.00648	1.80	0.00654
7/23/04 22:25	0.00	4.85	0.00648	1.80	0.00654
7/23/04 22:30	0.00	4.85	0.00648	1.80	0.00654
7/23/04 22:35	0.00	4.59	0.00613	1.80	0.00654
7/23/04 22:40	0.00	4.33	0.00579	1.70	0.00618
7/23/04 22:45	0.00	4.33	0.00579	1.70	0.00618
7/23/04 22:50	0.00	4.09	0.00546	1.50	0.00545
7/23/04 22:55	0.00	4.09	0.00546	1.50	0.00545
7/23/04 23:00	0.00	3.86	0.00515	1.50	0.00545
7/23/04 23:05	0.00	3.86	0.00515	1.50	0.00545
7/23/04 23:10	0.00	3.86	0.00515	1.40	0.00509
7/23/04 23:15	0.00	3.63	0.00485	1.40	0.00509
7/23/04 23:20	0.00	3.42	0.00456	1.40	0.00509
7/23/04 23:25	0.00	3.42	0.00456	1.40	0.00509
7/23/04 23:30	0.00	3.21	0.00429	1.30	0.00472
7/23/04 23:35	0.00	3.21	0.00429	1.30	0.00472
7/23/04 23:40	0.00	3.21	0.00429	1.30	0.00472
7/23/04 23:45	0.00	3.21	0.00429	1.30	0.00472
7/23/04 23:50	0.00	3.01	0.00402	1.20	0.00436
7/23/04 23:55	0.00	3.01	0.00402	1.30	0.00472
Total Rainfall	1.24		0.00727		0.00899
		Daily Mean Dis.	0.08720		0.03598
			0.07434		0.23619
		Inst. Peak Dis.	0.89205		0.94477
		Ratio	10.23		26.26

**09/28/2004**

Date	Rainfall (inches)	Sopers Gage	Sopers_Adj.	LSLS104	LSLS104Adj
9/28/04 0:00	0.00	0.49	0.00065	0.27	0.00098
9/28/04 0:05	0.00	0.49	0.00065	0.27	0.00098
9/28/04 0:10	0.00	0.49	0.00065	0.27	0.00098
9/28/04 0:15	0.00	0.49	0.00065	0.27	0.00098
9/28/04 0:20	0.00	0.49	0.00065	0.27	0.00098
9/28/04 0:25	0.00	0.49	0.00065	0.27	0.00098
9/28/04 0:30	0.00	0.49	0.00065	0.27	0.00098
9/28/04 0:35	0.00	0.49	0.00065	0.27	0.00098
9/28/04 0:40	0.00	0.49	0.00065	0.27	0.00098
9/28/04 0:45	0.00	0.49	0.00065	0.27	0.00098
9/28/04 0:50	0.00	0.49	0.00065	0.27	0.00098
9/28/04 0:55	0.00	0.49	0.00065	0.27	0.00098
9/28/04 1:00	0.00	0.49	0.00065	0.27	0.00098
9/28/04 1:05	0.00	0.49	0.00065	0.27	0.00098
9/28/04 1:10	0.01	0.49	0.00065	0.27	0.00098
9/28/04 1:15	0.00	0.49	0.00065	0.27	0.00098
9/28/04 1:20	0.00	0.49	0.00065	0.27	0.00098
9/28/04 1:25	0.00	0.49	0.00065	0.27	0.00098
9/28/04 1:30	0.00	0.49	0.00065	0.27	0.00098
9/28/04 1:35	0.00	0.49	0.00065	0.27	0.00098
9/28/04 1:40	0.00	0.49	0.00065	0.27	0.00098
9/28/04 1:45	0.00	0.49	0.00065	0.27	0.00098
9/28/04 1:50	0.00	0.49	0.00065	0.27	0.00098
9/28/04 1:55	0.00	0.49	0.00065	0.27	0.00098
9/28/04 2:00	0.01	0.49	0.00065	0.27	0.00098
9/28/04 2:05	0.15	0.49	0.00065	0.27	0.00098
9/28/04 2:10	0.03	0.49	0.00065	0.27	0.00098
9/28/04 2:15	0.02	0.49	0.00065	0.27	0.00098
9/28/04 2:20	0.01	0.49	0.00065	0.27	0.00098
9/28/04 2:25	0.00	0.49	0.00065	0.27	0.00098
9/28/04 2:30	0.01	0.49	0.00065	0.27	0.00098
9/28/04 2:35	0.00	0.49	0.00065	0.27	0.00098
9/28/04 2:40	0.00	0.49	0.00065	0.27	0.00098
9/28/04 2:45	0.00	0.49	0.00065	0.27	0.00098
9/28/04 2:50	0.00	0.49	0.00065	0.27	0.00098
9/28/04 2:55	0.00	0.49	0.00065	0.27	0.00098
9/28/04 3:00	0.00	0.49	0.00065	0.27	0.00098
9/28/04 3:05	0.00	0.49	0.00065	0.31	0.00113
9/28/04 3:10	0.00	0.53	0.00071	0.35	0.00127
9/28/04 3:15	0.00	0.58	0.00077	0.35	0.00127
9/28/04 3:20	0.00	0.58	0.00077	0.35	0.00127
9/28/04 3:25	0.00	0.63	0.00084	0.35	0.00127
9/28/04 3:30	0.01	0.63	0.00084	0.40	0.00145
9/28/04 3:35	0.00	0.63	0.00084	0.40	0.00145
9/28/04 3:40	0.00	0.68	0.00091	0.40	0.00145
9/28/04 3:45	0.00	0.68	0.00091	0.40	0.00145

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9/28/04 3:50	0.00	0.68	0.00091	0.40	0.00145
9/28/04 3:55	0.00	0.68	0.00091	0.40	0.00145
9/28/04 4:00	0.00	0.68	0.00091	0.40	0.00145
9/28/04 4:05	0.00	0.68	0.00091	0.40	0.00145
9/28/04 4:10	0.00	0.68	0.00091	0.45	0.00164
9/28/04 4:15	0.01	0.63	0.00084	0.45	0.00164
9/28/04 4:20	0.02	0.63	0.00084	0.45	0.00164
9/28/04 4:25	0.00	0.63	0.00084	0.45	0.00164
9/28/04 4:30	0.01	0.63	0.00084	0.45	0.00164
9/28/04 4:35	0.00	0.63	0.00084	0.50	0.00182
9/28/04 4:40	0.00	0.63	0.00084	0.50	0.00182
9/28/04 4:45	0.00	0.63	0.00084	0.50	0.00182
9/28/04 4:50	0.00	0.63	0.00084	0.56	0.00203
9/28/04 4:55	0.01	0.63	0.00084	0.56	0.00203
9/28/04 5:00	0.01	0.63	0.00084	0.50	0.00182
9/28/04 5:05	0.01	0.63	0.00084	0.50	0.00182
9/28/04 5:10	0.00	0.63	0.00084	0.50	0.00182
9/28/04 5:15	0.00	0.63	0.00084	0.50	0.00182
9/28/04 5:20	0.00	0.63	0.00084	0.45	0.00164
9/28/04 5:25	0.00	0.63	0.00084	0.45	0.00164
9/28/04 5:30	0.00	0.63	0.00084	0.45	0.00164
9/28/04 5:35	0.00	0.63	0.00084	0.45	0.00164
9/28/04 5:40	0.01	0.63	0.00084	0.40	0.00145
9/28/04 5:45	0.00	0.63	0.00084	0.40	0.00145
9/28/04 5:50	0.00	0.63	0.00084	0.40	0.00145
9/28/04 5:55	0.00	0.68	0.00091	0.40	0.00145
9/28/04 6:00	0.00	0.68	0.00091	0.40	0.00145
9/28/04 6:05	0.00	0.68	0.00091	0.40	0.00145
9/28/04 6:10	0.00	0.68	0.00091	0.35	0.00127
9/28/04 6:15	0.00	0.68	0.00091	0.35	0.00127
9/28/04 6:20	0.00	0.68	0.00091	0.35	0.00127
9/28/04 6:25	0.00	0.68	0.00091	0.35	0.00127
9/28/04 6:30	0.00	0.68	0.00091	0.40	0.00145
9/28/04 6:35	0.00	0.68	0.00091	0.40	0.00145
9/28/04 6:40	0.00	0.68	0.00091	0.40	0.00145
9/28/04 6:45	0.00	0.68	0.00091	0.40	0.00145
9/28/04 6:50	0.00	0.68	0.00091	0.40	0.00145
9/28/04 6:55	0.00	0.68	0.00091	0.40	0.00145
9/28/04 7:00	0.00	0.68	0.00091	0.40	0.00145
9/28/04 7:05	0.00	0.68	0.00091	0.40	0.00145
9/28/04 7:10	0.00	0.68	0.00091	0.40	0.00145
9/28/04 7:15	0.00	0.68	0.00091	0.40	0.00145
9/28/04 7:20	0.01	0.68	0.00091	0.40	0.00145
9/28/04 7:25	0.00	0.68	0.00091	0.40	0.00145
9/28/04 7:30	0.00	0.68	0.00091	0.40	0.00145
9/28/04 7:35	0.00	0.68	0.00091	0.40	0.00145
9/28/04 7:40	0.00	0.63	0.00084	0.40	0.00145
9/28/04 7:45	0.00	0.63	0.00084	0.40	0.00145
9/28/04 7:50	0.00	0.63	0.00084	0.40	0.00145
9/28/04 7:55	0.00	0.63	0.00084	0.40	0.00145

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9/28/04 8:00	0.00	0.63	0.00084	0.40	0.00145
9/28/04 8:05	0.00	0.63	0.00084	0.40	0.00145
9/28/04 8:10	0.00	0.63	0.00084	0.40	0.00145
9/28/04 8:15	0.00	0.63	0.00084	0.40	0.00145
9/28/04 8:20	0.00	0.63	0.00084	0.40	0.00145
9/28/04 8:25	0.00	0.63	0.00084	0.40	0.00145
9/28/04 8:30	0.00	0.63	0.00084	0.40	0.00145
9/28/04 8:35	0.04	0.63	0.00084	0.40	0.00145
9/28/04 8:40	0.04	0.63	0.00084	0.40	0.00145
9/28/04 8:45	0.03	0.63	0.00084	0.40	0.00145
9/28/04 8:50	0.01	0.63	0.00084	0.40	0.00145
9/28/04 8:55	0.00	0.63	0.00084	0.40	0.00145
9/28/04 9:00	0.02	0.63	0.00084	0.40	0.00145
9/28/04 9:05	0.02	0.63	0.00084	0.40	0.00145
9/28/04 9:10	0.05	0.63	0.00084	0.40	0.00145
9/28/04 9:15	0.03	0.63	0.00084	0.40	0.00145
9/28/04 9:20	0.01	0.63	0.00084	0.40	0.00145
9/28/04 9:25	0.01	0.63	0.00084	0.40	0.00145
9/28/04 9:30	0.02	0.63	0.00084	0.40	0.00145
9/28/04 9:35	0.00	0.63	0.00084	0.40	0.00145
9/28/04 9:40	0.02	0.63	0.00084	0.40	0.00145
9/28/04 9:45	0.02	0.63	0.00084	0.40	0.00145
9/28/04 9:50	0.02	0.63	0.00084	0.40	0.00145
9/28/04 9:55	0.00	0.68	0.00091	0.40	0.00145
9/28/04 10:00	0.04	0.68	0.00091	0.45	0.00164
9/28/04 10:05	0.07	0.76	0.00101	0.45	0.00164
9/28/04 10:10	0.01	0.76	0.00101	0.50	0.00182
9/28/04 10:15	0.00	0.84	0.00112	0.56	0.00203
9/28/04 10:20	0.00	0.84	0.00112	0.56	0.00203
9/28/04 10:25	0.02	0.84	0.00112	0.63	0.00229
9/28/04 10:30	0.08	0.84	0.00112	0.69	0.00251
9/28/04 10:35	0.00	0.93	0.00124	0.69	0.00251
9/28/04 10:40	0.00	0.93	0.00124	0.76	0.00276
9/28/04 10:45	0.00	0.93	0.00124	0.76	0.00276
9/28/04 10:50	0.01	1.02	0.00136	0.84	0.00305
9/28/04 10:55	0.00	1.02	0.00136	0.84	0.00305
9/28/04 11:00	0.00	1.02	0.00136	0.92	0.00334
9/28/04 11:05	0.01	1.14	0.00152	1.10	0.00400
9/28/04 11:10	0.00	1.26	0.00168	1.30	0.00472
9/28/04 11:15	0.00	1.26	0.00168	1.30	0.00472
9/28/04 11:20	0.00	1.39	0.00186	1.50	0.00545
9/28/04 11:25	0.00	1.39	0.00186	1.50	0.00545
9/28/04 11:30	0.01	1.39	0.00186	1.40	0.00509
9/28/04 11:35	0.00	1.54	0.00205	1.40	0.00509
9/28/04 11:40	0.01	1.86	0.00248	3.10	0.01126
9/28/04 11:45	0.01	1.86	0.00248	4.80	0.01744
9/28/04 11:50	0.00	2.00	0.00267	4.60	0.01672
9/28/04 11:55	0.02	2.00	0.00267	4.10	0.01490
9/28/04 12:00	0.00	2.00	0.00267	4.10	0.01490
9/28/04 12:05	0.00	2.00	0.00267	4.10	0.01490

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9/28/04 12:10	0.01	2.00	0.00267	3.60	0.01308
9/28/04 12:15	0.00	2.00	0.00267	3.20	0.01163
9/28/04 12:20	0.00	2.00	0.00267	3.10	0.01126
9/28/04 12:25	0.01	2.00	0.00267	2.70	0.00981
9/28/04 12:30	0.00	2.00	0.00267	2.50	0.00908
9/28/04 12:35	0.01	2.15	0.00287	2.40	0.00872
9/28/04 12:40	0.01	2.31	0.00308	2.70	0.00981
9/28/04 12:45	0.01	2.47	0.00330	2.70	0.00981
9/28/04 12:50	0.00	2.47	0.00330	2.70	0.00981
9/28/04 12:55	0.00	2.64	0.00353	2.50	0.00908
9/28/04 13:00	0.01	2.82	0.00377	2.40	0.00872
9/28/04 13:05	0.00	3.01	0.00402	2.20	0.00799
9/28/04 13:10	0.00	3.21	0.00429	2.10	0.00763
9/28/04 13:15	0.01	3.21	0.00429	1.90	0.00690
9/28/04 13:20	0.00	3.21	0.00429	1.90	0.00690
9/28/04 13:25	0.01	3.21	0.00429	1.80	0.00654
9/28/04 13:30	0.01	3.21	0.00429	1.70	0.00618
9/28/04 13:35	0.03	3.01	0.00402	1.70	0.00618
9/28/04 13:40	0.15	3.01	0.00402	1.80	0.00654
9/28/04 13:45	0.05	2.82	0.00377	1.80	0.00654
9/28/04 13:50	0.03	2.82	0.00377	1.70	0.00618
9/28/04 13:55	0.01	2.82	0.00377	1.70	0.00618
9/28/04 14:00	0.02	2.64	0.00353	1.50	0.00545
9/28/04 14:05	0.01	2.64	0.00353	1.50	0.00545
9/28/04 14:10	0.01	2.47	0.00330	1.50	0.00545
9/28/04 14:15	0.01	2.47	0.00330	1.50	0.00545
9/28/04 14:20	0.02	2.47	0.00330	1.50	0.00545
9/28/04 14:25	0.03	2.47	0.00330	1.50	0.00545
9/28/04 14:30	0.02	2.47	0.00330	1.70	0.00618
9/28/04 14:35	0.02	2.47	0.00330	1.80	0.00654
9/28/04 14:40	0.05	2.47	0.00330	1.90	0.00690
9/28/04 14:45	0.05	2.47	0.00330	1.90	0.00690
9/28/04 14:50	0.03	2.64	0.00353	2.10	0.00763
9/28/04 14:55	0.05	3.21	0.00429	2.10	0.00763
9/28/04 15:00	0.02	3.21	0.00429	2.10	0.00763
9/28/04 15:05	0.02	3.42	0.00456	2.10	0.00763
9/28/04 15:10	0.03	3.63	0.00485	5.10	0.01853
9/28/04 15:15	0.03	3.63	0.00485	5.90	0.02144
9/28/04 15:20	0.03	3.63	0.00485	5.90	0.02144
9/28/04 15:25	0.04	3.86	0.00515	5.60	0.02035
9/28/04 15:30	0.03	4.09	0.00546	5.60	0.02035
9/28/04 15:35	0.03	4.09	0.00546	5.60	0.02035
9/28/04 15:40	0.04	4.09	0.00546	5.40	0.01962
9/28/04 15:45	0.02	4.59	0.00613	5.90	0.02144
9/28/04 15:50	0.01	5.71	0.00762	8.50	0.03089
9/28/04 15:55	0.02	7.85	0.01048	13.00	0.04724
9/28/04 16:00	0.01	14.63	0.01954	19.00	0.06904
9/28/04 16:05	0.02	17.85	0.02384	19.00	0.06904
9/28/04 16:10	0.03	19.72	0.02633	18.00	0.06541
9/28/04 16:15	0.02	21.01	0.02805	21.00	0.07631

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9/28/04 16:20	0.01	21.33	0.02849	25.00	0.09084
9/28/04 16:25	0.02	21.99	0.02937	24.00	0.08721
9/28/04 16:30	0.00	23.00	0.03072	23.00	0.08358
9/28/04 16:35	0.01	25.43	0.03396	22.00	0.07994
9/28/04 16:40	0.01	27.64	0.03691	21.00	0.07631
9/28/04 16:45	0.00	28.48	0.03803	21.00	0.07631
9/28/04 16:50	0.01	29.61	0.03954	20.00	0.07267
9/28/04 16:55	0.01	30.75	0.04107	20.00	0.07267
9/28/04 17:00	0.01	31.90	0.04261	20.00	0.07267
9/28/04 17:05	0.01	32.77	0.04377	19.00	0.06904
9/28/04 17:10	0.00	33.36	0.04455	18.00	0.06541
9/28/04 17:15	0.01	34.54	0.04612	17.00	0.06177
9/28/04 17:20	0.00	34.83	0.04652	16.00	0.05814
9/28/04 17:25	0.01	34.24	0.04573	15.00	0.05451
9/28/04 17:30	0.01	34.24	0.04573	15.00	0.05451
9/28/04 17:35	0.01	34.24	0.04573	14.00	0.05087
9/28/04 17:40	0.00	34.54	0.04612	14.00	0.05087
9/28/04 17:45	0.01	33.95	0.04533	13.00	0.04724
9/28/04 17:50	0.01	33.36	0.04455	12.00	0.04360
9/28/04 17:55	0.01	32.48	0.04338	12.00	0.04360
9/28/04 18:00	0.00	31.61	0.04222	12.00	0.04360
9/28/04 18:05	0.01	31.33	0.04183	11.00	0.03997
9/28/04 18:10	0.01	30.18	0.04030	10.00	0.03634
9/28/04 18:15	0.01	29.61	0.03954	10.00	0.03634
9/28/04 18:20	0.00	28.76	0.03841	10.00	0.03634
9/28/04 18:25	0.01	28.48	0.03803	9.50	0.03452
9/28/04 18:30	0.00	27.64	0.03691	9.20	0.03343
9/28/04 18:35	0.00	27.08	0.03617	9.00	0.03270
9/28/04 18:40	0.00	26.53	0.03543	9.00	0.03270
9/28/04 18:45	0.00	25.70	0.03432	8.50	0.03089
9/28/04 18:50	0.00	25.16	0.03359	8.70	0.03161
9/28/04 18:55	0.00	24.61	0.03287	8.50	0.03089
9/28/04 19:00	0.00	24.07	0.03215	8.50	0.03089
9/28/04 19:05	0.00	23.53	0.03143	8.50	0.03089
9/28/04 19:10	0.00	23.00	0.03072	8.50	0.03089
9/28/04 19:15	0.00	22.66	0.03027	8.50	0.03089
9/28/04 19:20	0.00	21.99	0.02937	8.20	0.02980
9/28/04 19:25	0.00	21.33	0.02849	8.50	0.03089
9/28/04 19:30	0.00	21.01	0.02805	8.50	0.03089
9/28/04 19:35	0.00	20.36	0.02719	8.00	0.02907
9/28/04 19:40	0.00	20.04	0.02676	8.00	0.02907
9/28/04 19:45	0.00	19.72	0.02633	8.00	0.02907
9/28/04 19:50	0.00	19.09	0.02549	7.80	0.02834
9/28/04 19:55	0.00	19.09	0.02549	7.80	0.02834
9/28/04 20:00	0.00	18.78	0.02508	7.50	0.02725
9/28/04 20:05	0.00	18.47	0.02466	7.20	0.02616
9/28/04 20:10	0.00	17.85	0.02384	6.90	0.02507
9/28/04 20:15	0.00	17.85	0.02384	6.20	0.02253
9/28/04 20:20	0.00	17.55	0.02344	6.20	0.02253
9/28/04 20:25	0.00	17.25	0.02303	5.90	0.02144

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9/28/04 20:30	0.00	16.95	0.02263	5.60	0.02035
9/28/04 20:35	0.00	16.65	0.02224	5.40	0.01962
9/28/04 20:40	0.00	16.36	0.02184	5.10	0.01853
9/28/04 20:45	0.00	16.06	0.02145	5.10	0.01853
9/28/04 20:50	0.00	16.06	0.02145	4.60	0.01672
9/28/04 20:55	0.00	15.48	0.02068	4.30	0.01563
9/28/04 21:00	0.00	15.20	0.02030	4.10	0.01490
9/28/04 21:05	0.00	14.91	0.01992	3.90	0.01417
9/28/04 21:10	0.00	14.63	0.01954	3.60	0.01308
9/28/04 21:15	0.00	14.35	0.01917	3.60	0.01308
9/28/04 21:20	0.00	14.08	0.01880	3.40	0.01235
9/28/04 21:25	0.00	13.80	0.01843	3.20	0.01163
9/28/04 21:30	0.00	12.99	0.01735	3.20	0.01163
9/28/04 21:35	0.00	12.60	0.01683	3.10	0.01126
9/28/04 21:40	0.00	12.21	0.01631	3.10	0.01126
9/28/04 21:45	0.00	11.84	0.01581	2.90	0.01054
9/28/04 21:50	0.00	11.46	0.01531	2.70	0.00981
9/28/04 21:55	0.00	11.46	0.01531	2.70	0.00981
9/28/04 22:00	0.00	10.74	0.01435	2.70	0.00981
9/28/04 22:05	0.00	10.74	0.01435	2.70	0.00981
9/28/04 22:10	0.00	10.39	0.01388	2.50	0.00908
9/28/04 22:15	0.00	10.05	0.01342	2.40	0.00872
9/28/04 22:20	0.00	9.72	0.01297	2.40	0.00872
9/28/04 22:25	0.00	9.39	0.01254	2.20	0.00799
9/28/04 22:30	0.00	9.06	0.01211	2.20	0.00799
9/28/04 22:35	0.00	9.06	0.01211	2.10	0.00763
9/28/04 22:40	0.00	8.75	0.01169	2.10	0.00763
9/28/04 22:45	0.00	8.44	0.01127	2.10	0.00763
9/28/04 22:50	0.00	8.14	0.01087	1.90	0.00690
9/28/04 22:55	0.00	8.14	0.01087	1.90	0.00690
9/28/04 23:00	0.00	7.85	0.01048	1.90	0.00690
9/28/04 23:05	0.00	7.56	0.01009	1.90	0.00690
9/28/04 23:10	0.00	7.56	0.01009	1.80	0.00654
9/28/04 23:15	0.00	7.56	0.01009	1.80	0.00654
9/28/04 23:20	0.00	7.28	0.00972	1.80	0.00654
9/28/04 23:25	0.00	7.00	0.00935	1.80	0.00654
9/28/04 23:30	0.00	7.00	0.00935	1.70	0.00618
9/28/04 23:35	0.00	6.66	0.00889	1.70	0.00618
9/28/04 23:40	0.00	6.33	0.00845	1.70	0.00618
9/28/04 23:45	0.00	6.33	0.00845	1.70	0.00618
9/28/04 23:50	0.00	6.33	0.00845	1.70	0.00618
9/28/04 23:55	0.00	6.01	0.00803	1.70	0.00618
Total Rainfall	2.25		0.00966		0.01311
		Daily Mean Dis.	0.11598		0.05245
			0.04652		0.09084
		Inst. Peak Dis.	0.55820		0.36337
		Ratio	4.81		6.93

**06/25/2006**

Date	Rainfall (inches)	Sopers Gage	Sopers_Adj.	Date	Time	LSLS104	LSLS104 Adj
6/25/06 0:00	0.00	0.49	0.00065	20060625	0	0.15	0.00055
6/25/06 0:05	0.00	0.49	0.00065	20060625	1500	0.15	0.00055
6/25/06 0:10	0.00	0.49	0.00065	20060625	3000	0.15	0.00055
6/25/06 0:15	0.00	0.49	0.00065	20060625	4500	0.15	0.00055
6/25/06 0:20	0.00	0.49	0.00065	20060625	10000	0.15	0.00055
6/25/06 0:25	0.00	0.44	0.00059	20060625	11500	0.15	0.00055
6/25/06 0:30	0.00	0.44	0.00059	20060625	13000	0.15	0.00055
6/25/06 0:35	0.00	0.44	0.00059	20060625	14500	0.15	0.00055
6/25/06 0:40	0.00	0.44	0.00059	20060625	20000	0.15	0.00055
6/25/06 0:45	0.00	0.44	0.00059	20060625	21500	0.15	0.00055
6/25/06 0:50	0.00	0.44	0.00059	20060625	23000	0.15	0.00055
6/25/06 0:55	0.00	0.44	0.00059	20060625	24500	0.15	0.00055
6/25/06 1:00	0.00	0.44	0.00059	20060625	30000	0.13	0.00047
6/25/06 1:05	0.00	0.44	0.00059	20060625	31500	0.15	0.00055
6/25/06 1:10	0.00	0.44	0.00059	20060625	33000	0.13	0.00047
6/25/06 1:15	0.00	0.44	0.00059	20060625	34500	0.13	0.00047
6/25/06 1:20	0.00	0.44	0.00059	20060625	40000	0.15	0.00055
6/25/06 1:25	0.00	0.44	0.00059	20060625	41500	0.15	0.00055
6/25/06 1:30	0.00	0.44	0.00059	20060625	43000	0.15	0.00055
6/25/06 1:35	0.00	0.44	0.00059	20060625	44500	0.15	0.00055
6/25/06 1:40	0.00	0.44	0.00059	20060625	50000	0.15	0.00055
6/25/06 1:45	0.00	0.44	0.00059	20060625	51500	0.15	0.00055
6/25/06 1:50	0.00	0.44	0.00059	20060625	53000	0.15	0.00055
6/25/06 1:55	0.00	0.44	0.00059	20060625	54500	0.15	0.00055
6/25/06 2:00	0.00	0.44	0.00059	20060625	60000	0.15	0.00055
6/25/06 2:05	0.00	0.44	0.00059	20060625	61500	0.15	0.00055
6/25/06 2:10	0.00	0.44	0.00059	20060625	63000	0.15	0.00055
6/25/06 2:15	0.00	0.44	0.00059	20060625	64500	0.15	0.00055
6/25/06 2:20	0.00	0.44	0.00059	20060625	70000	0.15	0.00055
6/25/06 2:25	0.00	0.44	0.00059	20060625	71500	0.13	0.00047
6/25/06 2:30	0.00	0.44	0.00059	20060625	73000	0.15	0.00055
6/25/06 2:35	0.00	0.44	0.00059	20060625	74500	0.15	0.00055
6/25/06 2:40	0.00	0.44	0.00059	20060625	80000	0.15	0.00055
6/25/06 2:45	0.00	0.44	0.00059	20060625	81500	0.18	0.00065
6/25/06 2:50	0.00	0.44	0.00059	20060625	83000	0.20	0.00073
6/25/06 2:55	0.00	0.44	0.00059	20060625	84500	0.27	0.00098
6/25/06 3:00	0.00	0.44	0.00059	20060625	90000	0.27	0.00098
6/25/06 3:05	0.00	0.44	0.00059	20060625	91500	0.31	0.00113
6/25/06 3:10	0.00	0.44	0.00059	20060625	93000	0.63	0.00229
6/25/06 3:15	0.00	0.44	0.00059	20060625	94500	0.56	0.00203
6/25/06 3:20	0.00	0.44	0.00059	20060625	100000	0.69	0.00251
6/25/06 3:25	0.00	0.44	0.00059	20060625	101500	0.69	0.00251
6/25/06 3:30	0.00	0.44	0.00059	20060625	103000	0.63	0.00229
6/25/06 3:35	0.00	0.44	0.00059	20060625	104500	0.63	0.00229
6/25/06 3:40	0.00	0.44	0.00059	20060625	110000	0.56	0.00203
6/25/06 3:45	0.00	0.44	0.00059	20060625	111500	0.40	0.00145
6/25/06 3:50	0.00	0.44	0.00059	20060625	113000	0.40	0.00145
6/25/06 3:55	0.00	0.44	0.00059	20060625	114500	0.40	0.00145

Technical Appendix Section 4

6/25/06 4:00	0.00	0.44	0.00059	20060625	120000	0.31	0.00113
6/25/06 4:05	0.00	0.44	0.00059	20060625	121500	0.31	0.00113
6/25/06 4:10	0.00	0.44	0.00059	20060625	123000	0.31	0.00113
6/25/06 4:15	0.00	0.44	0.00059	20060625	124500	0.31	0.00113
6/25/06 4:20	0.00	0.44	0.00059	20060625	130000	0.31	0.00113
6/25/06 4:25	0.00	0.44	0.00059	20060625	131500	0.31	0.00113
6/25/06 4:30	0.00	0.44	0.00059	20060625	133000	0.27	0.00098
6/25/06 4:35	0.00	0.44	0.00059	20060625	134500	0.24	0.00087
6/25/06 4:40	0.00	0.44	0.00059	20060625	140000	0.24	0.00087
6/25/06 4:45	0.00	0.44	0.00059	20060625	141500	0.24	0.00087
6/25/06 4:50	0.00	0.44	0.00059	20060625	143000	0.24	0.00087
6/25/06 4:55	0.00	0.44	0.00059	20060625	144500	0.27	0.00098
6/25/06 5:00	0.00	0.44	0.00059	20060625	150000	0.27	0.00098
6/25/06 5:05	0.00	0.44	0.00059	20060625	151500	0.24	0.00087
6/25/06 5:10	0.00	0.44	0.00059	20060625	153000	0.24	0.00087
6/25/06 5:15	0.00	0.44	0.00059	20060625	154500	0.20	0.00073
6/25/06 5:20	0.00	0.44	0.00059	20060625	160000	0.24	0.00087
6/25/06 5:25	0.00	0.44	0.00059	20060625	161500	0.24	0.00087
6/25/06 5:30	0.00	0.44	0.00059	20060625	163000	0.24	0.00087
6/25/06 5:35	0.00	0.44	0.00059	20060625	164500	0.24	0.00087
6/25/06 5:40	0.00	0.44	0.00059	20060625	170000	0.24	0.00087
6/25/06 5:45	0.00	0.44	0.00059	20060625	171500	0.35	0.00127
6/25/06 5:50	0.00	0.44	0.00059	20060625	173000	0.92	0.00334
6/25/06 5:55	0.00	0.44	0.00059	20060625	174500	9.20	0.03343
6/25/06 6:00	0.00	0.44	0.00059	20060625	180000	101.00	0.36701
6/25/06 6:05	0.00	0.44	0.00059	20060625	181500	113.00	0.41061
6/25/06 6:10	0.00	0.44	0.00059	20060625	183000	103.00	0.37427
6/25/06 6:15	0.00	0.44	0.00059	20060625	184500	56.00	0.20349
6/25/06 6:20	0.00	0.44	0.00059	20060625	190000	36.00	0.13081
6/25/06 6:25	0.00	0.44	0.00059	20060625	191500	23.00	0.08358
6/25/06 6:30	0.00	0.44	0.00059	20060625	193000	16.00	0.05814
6/25/06 6:35	0.00	0.44	0.00059	20060625	194500	14.00	0.05087
6/25/06 6:40	0.00	0.44	0.00059	20060625	200000	16.00	0.05814
6/25/06 6:45	0.00	0.44	0.00059	20060625	201500	16.00	0.05814
6/25/06 6:50	0.00	0.44	0.00059	20060625	203000	13.00	0.04724
6/25/06 6:55	0.00	0.44	0.00059	20060625	204500	14.00	0.05087
6/25/06 7:00	0.00	0.44	0.00059	20060625	210000	14.00	0.05087
6/25/06 7:05	0.00	0.44	0.00059	20060625	211500	13.00	0.04724
6/25/06 7:10	0.00	0.44	0.00059	20060625	213000	12.00	0.04360
6/25/06 7:15	0.00	0.44	0.00059	20060625	214500	11.00	0.03997
6/25/06 7:20	0.01	0.44	0.00059	20060625	220000	9.50	0.03452
6/25/06 7:25	0.00	0.44	0.00059	20060625	221500	8.70	0.03161
6/25/06 7:30	0.02	0.44	0.00059	20060625	223000	8.50	0.03089
6/25/06 7:35	0.02	0.44	0.00059	20060625	224500	10.00	0.03634
6/25/06 7:40	0.02	0.44	0.00059	20060625	230000	9.70	0.03525
6/25/06 7:45	0.01	0.44	0.00059	20060625	231500	8.50	0.03089
6/25/06 7:50	0.01	0.44	0.00059	20060625	233000	7.10	0.02580
6/25/06 7:55	0.01	0.44	0.00059	20060625	234500	6.00	0.02180
6/25/06 8:00	0.01	0.44	0.00059				0.02523
6/25/06 8:05	0.01	0.44	0.00059				0.41061
6/25/06 8:10	0.02	0.44	0.00059				
6/25/06 8:15	0.02	0.44	0.00059				

6/25/06 8:20	0.02	0.49	0.00065
6/25/06 8:25	0.02	0.49	0.00065
6/25/06 8:30	0.01	0.53	0.00071
6/25/06 8:35	0.00	0.53	0.00071
6/25/06 8:40	0.01	0.53	0.00071
6/25/06 8:45	0.01	0.53	0.00071
6/25/06 8:50	0.00	0.53	0.00071
6/25/06 8:55	0.01	0.53	0.00071
6/25/06 9:00	0.00	0.53	0.00071
6/25/06 9:05	0.01	0.53	0.00071
6/25/06 9:10	0.01	0.53	0.00071
6/25/06 9:15	0.01	0.53	0.00071
6/25/06 9:20	0.01	0.53	0.00071
6/25/06 9:25	0.02	0.58	0.00077
6/25/06 9:30	0.00	0.58	0.00077
6/25/06 9:35	0.01	0.58	0.00077
6/25/06 9:40	0.00	0.63	0.00084
6/25/06 9:45	0.00	0.63	0.00084
6/25/06 9:50	0.00	0.63	0.00084
6/25/06 9:55	0.00	0.63	0.00084
6/25/06 10:00	0.00	0.63	0.00084
6/25/06 10:05	0.01	0.63	0.00084
6/25/06 10:10	0.00	0.63	0.00084
6/25/06 10:15	0.00	0.63	0.00084
6/25/06 10:20	0.00	0.63	0.00084
6/25/06 10:25	0.00	0.63	0.00084
6/25/06 10:30	0.00	0.63	0.00084
6/25/06 10:35	0.00	0.63	0.00084
6/25/06 10:40	0.00	0.63	0.00084
6/25/06 10:45	0.00	0.63	0.00084
6/25/06 10:50	0.00	0.63	0.00084
6/25/06 10:55	0.00	0.63	0.00084
6/25/06 11:00	0.00	0.63	0.00084
6/25/06 11:05	0.00	0.63	0.00084
6/25/06 11:10	0.00	0.63	0.00084
6/25/06 11:15	0.00	0.63	0.00084
6/25/06 11:20	0.00	0.63	0.00084
6/25/06 11:25	0.00	0.63	0.00084
6/25/06 11:30	0.00	0.63	0.00084
6/25/06 11:35	0.00	0.63	0.00084
6/25/06 11:40	0.00	0.63	0.00084
6/25/06 11:45	0.00	0.63	0.00084
6/25/06 11:50	0.00	0.63	0.00084
6/25/06 11:55	0.00	0.63	0.00084
6/25/06 12:00	0.00	0.63	0.00084
6/25/06 12:05	0.00	0.63	0.00084
6/25/06 12:10	0.00	0.63	0.00084
6/25/06 12:15	0.00	0.63	0.00084
6/25/06 12:20	0.00	0.63	0.00084
6/25/06 12:25	0.00	0.63	0.00084
6/25/06 12:30	0.00	0.63	0.00084
6/25/06 12:35	0.00	0.63	0.00084

6/25/06 12:40	0.00	0.63	0.00084
6/25/06 12:45	0.00	0.63	0.00084
6/25/06 12:50	0.00	0.63	0.00084
6/25/06 12:55	0.00	0.63	0.00084
6/25/06 13:00	0.00	0.63	0.00084
6/25/06 13:05	0.00	0.63	0.00084
6/25/06 13:10	0.00	0.63	0.00084
6/25/06 13:15	0.00	0.63	0.00084
6/25/06 13:20	0.00	0.63	0.00084
6/25/06 13:25	0.00	0.63	0.00084
6/25/06 13:30	0.00	0.63	0.00084
6/25/06 13:35	0.00	0.63	0.00084
6/25/06 13:40	0.00	0.63	0.00084
6/25/06 13:45	0.00	0.63	0.00084
6/25/06 13:50	0.00	0.63	0.00084
6/25/06 13:55	0.00	0.63	0.00084
6/25/06 14:00	0.00	0.63	0.00084
6/25/06 14:05	0.00	0.63	0.00084
6/25/06 14:10	0.00	0.63	0.00084
6/25/06 14:15	0.00	0.63	0.00084
6/25/06 14:20	0.00	0.63	0.00084
6/25/06 14:25	0.00	0.63	0.00084
6/25/06 14:30	0.00	0.63	0.00084
6/25/06 14:35	0.00	0.58	0.00077
6/25/06 14:40	0.00	0.58	0.00077
6/25/06 14:45	0.00	0.58	0.00077
6/25/06 14:50	0.00	0.58	0.00077
6/25/06 14:55	0.00	0.58	0.00077
6/25/06 15:00	0.00	0.58	0.00077
6/25/06 15:05	0.00	0.58	0.00077
6/25/06 15:10	0.00	0.58	0.00077
6/25/06 15:15	0.00	0.58	0.00077
6/25/06 15:20	0.00	0.58	0.00077
6/25/06 15:25	0.00	0.58	0.00077
6/25/06 15:30	0.00	0.58	0.00077
6/25/06 15:35	0.00	0.58	0.00077
6/25/06 15:40	0.00	0.58	0.00077
6/25/06 15:45	0.00	0.63	0.00084
6/25/06 15:50	0.00	0.63	0.00084
6/25/06 15:55	0.00	0.63	0.00084
6/25/06 16:00	0.00	0.63	0.00084
6/25/06 16:05	0.00	0.63	0.00084
6/25/06 16:10	0.00	0.63	0.00084
6/25/06 16:15	0.00	0.58	0.00077
6/25/06 16:20	0.00	0.58	0.00077
6/25/06 16:25	0.00	0.58	0.00077
6/25/06 16:30	0.00	0.58	0.00077
6/25/06 16:35	0.00	0.58	0.00077
6/25/06 16:40	0.00	0.58	0.00077
6/25/06 16:45	0.00	0.58	0.00077
6/25/06 16:50	0.00	0.58	0.00077
6/25/06 16:55	0.00	0.58	0.00077

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6/25/06 17:00	0.15	0.58	0.00077
6/25/06 17:05	0.26	0.63	0.00084
6/25/06 17:10	0.09	1.54	0.00205
6/25/06 17:15	0.10	2.82	0.00377
6/25/06 17:20	0.17	3.86	0.00515
6/25/06 17:25	0.27	4.85	0.00648
6/25/06 17:30	0.16	5.71	0.00762
6/25/06 17:35	0.04	6.33	0.00845
6/25/06 17:40	0.01	8.14	0.01087
6/25/06 17:45	0.03	8.44	0.01127
6/25/06 17:50	0.11	8.75	0.01169
6/25/06 17:55	0.18	8.75	0.01169
6/25/06 18:00	0.06	8.44	0.01127
6/25/06 18:05	0.06	8.44	0.01127
6/25/06 18:10	0.02	8.14	0.01087
6/25/06 18:15	0.01	7.85	0.01048
6/25/06 18:20	0.03	7.85	0.01048
6/25/06 18:25	0.02	9.06	0.01211
6/25/06 18:30	0.00	11.10	0.01482
6/25/06 18:35	0.01	12.21	0.01631
6/25/06 18:40	0.00	12.99	0.01735
6/25/06 18:45	0.00	18.47	0.02466
6/25/06 18:50	0.00	21.33	0.02849
6/25/06 18:55	0.00	21.99	0.02937
6/25/06 19:00	0.01	21.66	0.02893
6/25/06 19:05	0.01	21.99	0.02937
6/25/06 19:10	0.00	21.99	0.02937
6/25/06 19:15	0.01	21.66	0.02893
6/25/06 19:20	0.05	21.33	0.02849
6/25/06 19:25	0.02	20.68	0.02762
6/25/06 19:30	0.04	20.36	0.02719
6/25/06 19:35	0.02	20.04	0.02676
6/25/06 19:40	0.04	19.40	0.02591
6/25/06 19:45	0.01	18.78	0.02508
6/25/06 19:50	0.00	18.16	0.02425
6/25/06 19:55	0.01	17.55	0.02344
6/25/06 20:00	0.00	16.65	0.02224
6/25/06 20:05	0.01	16.06	0.02145
6/25/06 20:10	0.01	15.48	0.02068
6/25/06 20:15	0.01	15.20	0.02030
6/25/06 20:20	0.02	14.63	0.01954
6/25/06 20:25	0.02	14.08	0.01880
6/25/06 20:30	0.01	13.80	0.01843
6/25/06 20:35	0.00	12.99	0.01735
6/25/06 20:40	0.01	12.99	0.01735
6/25/06 20:45	0.00	12.60	0.01683
6/25/06 20:50	0.02	12.21	0.01631
6/25/06 20:55	0.01	11.84	0.01581
6/25/06 21:00	0.02	11.46	0.01531
6/25/06 21:05	0.01	11.10	0.01482
6/25/06 21:10	0.00	10.74	0.01435
6/25/06 21:15	0.01	10.74	0.01435

6/25/06 21:20	0.00	10.39	0.01388
6/25/06 21:25	0.00	10.39	0.01388
6/25/06 21:30	0.01	10.39	0.01388
6/25/06 21:35	0.01	10.39	0.01388
6/25/06 21:40	0.00	10.05	0.01342
6/25/06 21:45	0.00	10.05	0.01342
6/25/06 21:50	0.01	10.05	0.01342
6/25/06 21:55	0.01	10.05	0.01342
6/25/06 22:00	0.01	9.72	0.01297
6/25/06 22:05	0.01	9.39	0.01254
6/25/06 22:10	0.02	9.39	0.01254
6/25/06 22:15	0.02	9.39	0.01254
6/25/06 22:20	0.02	9.39	0.01254
6/25/06 22:25	0.01	9.06	0.01211
6/25/06 22:30	0.00	9.06	0.01211
6/25/06 22:35	0.00	9.06	0.01211
6/25/06 22:40	0.00	9.06	0.01211
6/25/06 22:45	0.00	8.75	0.01169
6/25/06 22:50	0.00	8.75	0.01169
6/25/06 22:55	0.00	8.75	0.01169
6/25/06 23:00	0.00	8.44	0.01127
6/25/06 23:05	0.00	8.14	0.01087
6/25/06 23:10	0.00	8.14	0.01087
6/25/06 23:15	0.00	8.14	0.01087
6/25/06 23:20	0.01	8.14	0.01087
6/25/06 23:25	0.00	7.85	0.01048
6/25/06 23:30	0.00	7.85	0.01048
6/25/06 23:35	0.01	7.28	0.00972
6/25/06 23:40	0.01	7.28	0.00972
6/25/06 23:45	0.00	7.28	0.00972
6/25/06 23:50	0.00	7.28	0.00972
6/25/06 23:55	0.00	7.28	0.00972

Total Rainfall	2.64	0.00490				0.02523
	Daily Mean Dis.	0.05877				0.10094
		0.02937				0.41061
	Inst. Peak Dis.	0.35247				1.64244
	Ratio	6.00				16.27

**07/05/2006**

		Rainfall							
Date	(inches)	Sopers Gage	Sopers_Adj.	Date	Time	LSLS104	LSLS104Adj		
7/5/06 0:00	0.02	0.40	0.00054	20060705	0	0.77	0.00280		
7/5/06 0:05	0.00	0.40	0.00054	20060705	1500	0.82	0.00298		
7/5/06 0:10	0.00	0.40	0.00054	20060705	3000	0.82	0.00298		
7/5/06 0:15	0.00	0.40	0.00054	20060705	4500	0.82	0.00298		
7/5/06 0:20	0.00	0.40	0.00054	20060705	10000	0.88	0.00320		
7/5/06 0:25	0.00	0.40	0.00054	20060705	11500	1.00	0.00363		
7/5/06 0:30	0.00	0.40	0.00054	20060705	13000	1.00	0.00363		
7/5/06 0:35	0.01	0.40	0.00054	20060705	14500	1.00	0.00363		
7/5/06 0:40	0.03	0.40	0.00054	20060705	20000	0.94	0.00342		
7/5/06 0:45	0.00	0.40	0.00054	20060705	21500	0.94	0.00342		
7/5/06 0:50	0.00	0.40	0.00054	20060705	23000	0.94	0.00342		
7/5/06 0:55	0.00	0.40	0.00054	20060705	24500	0.88	0.00320		
7/5/06 1:00	0.00	0.40	0.00054	20060705	30000	0.82	0.00298		
7/5/06 1:05	0.00	0.40	0.00054	20060705	31500	0.82	0.00298		
7/5/06 1:10	0.00	0.40	0.00054	20060705	33000	0.82	0.00298		
7/5/06 1:15	0.00	0.40	0.00054	20060705	34500	0.82	0.00298		
7/5/06 1:20	0.00	0.40	0.00054	20060705	40000	0.82	0.00298		
7/5/06 1:25	0.00	0.40	0.00054	20060705	41500	0.82	0.00298		
7/5/06 1:30	0.00	0.40	0.00054	20060705	43000	0.82	0.00298		
7/5/06 1:35	0.00	0.40	0.00054	20060705	44500	0.82	0.00298		
7/5/06 1:40	0.00	0.40	0.00054	20060705	50000	0.82	0.00298		
7/5/06 1:45	0.00	0.40	0.00054	20060705	51500	0.82	0.00298		
7/5/06 1:50	0.00	0.40	0.00054	20060705	53000	0.82	0.00298		
7/5/06 1:55	0.00	0.40	0.00054	20060705	54500	0.82	0.00298		
7/5/06 2:00	0.00	0.40	0.00054	20060705	60000	0.82	0.00298		
7/5/06 2:05	0.00	0.40	0.00054	20060705	61500	0.82	0.00298		
7/5/06 2:10	0.00	0.40	0.00054	20060705	63000	0.82	0.00298		
7/5/06 2:15	0.00	0.40	0.00054	20060705	64500	0.77	0.00280		
7/5/06 2:20	0.00	0.40	0.00054	20060705	70000	0.77	0.00280		
7/5/06 2:25	0.00	0.40	0.00054	20060705	71500	0.77	0.00280		
7/5/06 2:30	0.00	0.40	0.00054	20060705	73000	0.77	0.00280		
7/5/06 2:35	0.00	0.40	0.00054	20060705	74500	0.77	0.00280		
7/5/06 2:40	0.00	0.40	0.00054	20060705	80000	0.77	0.00280		
7/5/06 2:45	0.00	0.40	0.00054	20060705	81500	0.77	0.00280		
7/5/06 2:50	0.00	0.40	0.00054	20060705	83000	0.77	0.00280		
7/5/06 2:55	0.00	0.40	0.00054	20060705	84500	0.77	0.00280		
7/5/06 3:00	0.00	0.40	0.00054	20060705	90000	0.77	0.00280		
7/5/06 3:05	0.00	0.40	0.00054	20060705	91500	0.77	0.00280		
7/5/06 3:10	0.01	0.40	0.00054	20060705	93000	0.77	0.00280		
7/5/06 3:15	0.01	0.40	0.00054	20060705	94500	0.77	0.00280		
7/5/06 3:20	0.00	0.40	0.00054	20060705	100000	0.77	0.00280		
7/5/06 3:25	0.00	0.40	0.00054	20060705	101500	0.77	0.00280		
7/5/06 3:30	0.01	0.40	0.00054	20060705	103000	0.77	0.00280		
7/5/06 3:35	0.00	0.40	0.00054	20060705	104500	0.77	0.00280		

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7/5/06 3:40	0.00	0.40	0.00054	20060705	110000	0.77	0.00280
7/5/06 3:45	0.00	0.40	0.00054	20060705	111500	0.77	0.00280
7/5/06 3:50	0.00	0.40	0.00054	20060705	113000	0.77	0.00280
7/5/06 3:55	0.00	0.40	0.00054	20060705	114500	0.77	0.00280
7/5/06 4:00	0.00	0.40	0.00054	20060705	120000	0.77	0.00280
7/5/06 4:05	0.00	0.40	0.00054	20060705	121500	0.77	0.00280
7/5/06 4:10	0.00	0.40	0.00054	20060705	123000	0.77	0.00280
7/5/06 4:15	0.00	0.40	0.00054	20060705	124500	0.77	0.00280
7/5/06 4:20	0.00	0.40	0.00054	20060705	130000	0.77	0.00280
7/5/06 4:25	0.00	0.40	0.00054	20060705	131500	0.77	0.00280
7/5/06 4:30	0.00	0.40	0.00054	20060705	133000	0.77	0.00280
7/5/06 4:35	0.00	0.40	0.00054	20060705	134500	0.77	0.00280
7/5/06 4:40	0.00	0.40	0.00054	20060705	140000	0.77	0.00280
7/5/06 4:45	0.00	0.40	0.00054	20060705	141500	0.77	0.00280
7/5/06 4:50	0.00	0.40	0.00054	20060705	143000	0.77	0.00280
7/5/06 4:55	0.00	0.40	0.00054	20060705	144500	0.77	0.00280
7/5/06 5:00	0.00	0.40	0.00054	20060705	150000	0.77	0.00280
7/5/06 5:05	0.00	0.40	0.00054	20060705	151500	0.77	0.00280
7/5/06 5:10	0.00	0.40	0.00054	20060705	153000	0.77	0.00280
7/5/06 5:15	0.00	0.40	0.00054	20060705	154500	0.77	0.00280
7/5/06 5:20	0.00	0.40	0.00054	20060705	160000	0.77	0.00280
7/5/06 5:25	0.00	0.40	0.00054	20060705	161500	0.77	0.00280
7/5/06 5:30	0.00	0.40	0.00054	20060705	163000	0.77	0.00280
7/5/06 5:35	0.00	0.40	0.00054	20060705	164500	0.77	0.00280
7/5/06 5:40	0.00	0.40	0.00054	20060705	170000	0.77	0.00280
7/5/06 5:45	0.00	0.40	0.00054	20060705	171500	0.77	0.00280
7/5/06 5:50	0.00	0.40	0.00054	20060705	173000	0.77	0.00280
7/5/06 5:55	0.00	0.40	0.00054	20060705	174500	0.77	0.00280
7/5/06 6:00	0.00	0.40	0.00054	20060705	180000	0.77	0.00280
7/5/06 6:05	0.00	0.40	0.00054	20060705	181500	0.77	0.00280
7/5/06 6:10	0.00	0.40	0.00054	20060705	183000	0.77	0.00280
7/5/06 6:15	0.00	0.40	0.00054	20060705	184500	0.77	0.00280
7/5/06 6:20	0.00	0.40	0.00054	20060705	190000	0.77	0.00280
7/5/06 6:25	0.00	0.40	0.00054	20060705	191500	0.77	0.00280
7/5/06 6:30	0.00	0.40	0.00054	20060705	193000	0.77	0.00280
7/5/06 6:35	0.00	0.40	0.00054	20060705	194500	0.77	0.00280
7/5/06 6:40	0.00	0.40	0.00054	20060705	200000	0.77	0.00280
7/5/06 6:45	0.00	0.40	0.00054	20060705	201500	0.77	0.00280
7/5/06 6:50	0.00	0.40	0.00054	20060705	203000	0.77	0.00280
7/5/06 6:55	0.00	0.40	0.00054	20060705	204500	0.77	0.00280
7/5/06 7:00	0.00	0.40	0.00054	20060705	210000	0.77	0.00280
7/5/06 7:05	0.00	0.40	0.00054	20060705	211500	0.77	0.00280
7/5/06 7:10	0.00	0.40	0.00054	20060705	213000	1.30	0.00472
7/5/06 7:15	0.00	0.40	0.00054	20060705	214500	3.50	0.01272
7/5/06 7:20	0.00	0.40	0.00054	20060705	220000	44.00	0.15988
7/5/06 7:25	0.00	0.40	0.00054	20060705	221500	296.00	1.07558
7/5/06 7:30	0.00	0.40	0.00054	20060705	223000	372.00	1.35174
7/5/06 7:35	0.00	0.40	0.00054	20060705	224500	131.00	0.47602

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7/5/06 7:40	0.00	0.40	0.00054	20060705	230000	57.00	0.20712
7/5/06 7:45	0.00	0.40	0.00054	20060705	231500	27.00	0.09811
7/5/06 7:50	0.00	0.40	0.00054	20060705	233000	19.00	0.06904
7/5/06 7:55	0.00	0.40	0.00054	20060705	234500	13.00	0.04724
7/5/06 8:00	0.00	0.40	0.00054				0.03908
7/5/06 8:05	0.00	0.40	0.00054				1.35174
7/5/06 8:10	0.00	0.40	0.00054				34.59
7/5/06 8:15	0.00	0.40	0.00054				
7/5/06 8:20	0.00	0.40	0.00054				
7/5/06 8:25	0.00	0.40	0.00054				
7/5/06 8:30	0.00	0.40	0.00054				
7/5/06 8:35	0.00	0.40	0.00054				
7/5/06 8:40	0.00	0.40	0.00054				
7/5/06 8:45	0.00	0.40	0.00054				
7/5/06 8:50	0.00	0.40	0.00054				
7/5/06 8:55	0.00	0.40	0.00054				
7/5/06 9:00	0.00	0.40	0.00054				
7/5/06 9:05	0.00	0.40	0.00054				
7/5/06 9:10	0.00	0.40	0.00054				
7/5/06 9:15	0.00	0.40	0.00054				
7/5/06 9:20	0.00	0.40	0.00054				
7/5/06 9:25	0.00	0.40	0.00054				
7/5/06 9:30	0.00	0.40	0.00054				
7/5/06 9:35	0.00	0.40	0.00054				
7/5/06 9:40	0.00	0.40	0.00054				
7/5/06 9:45	0.00	0.40	0.00054				
7/5/06 9:50	0.00	0.40	0.00054				
7/5/06 9:55	0.00	0.40	0.00054				
7/5/06 10:00	0.00	0.40	0.00054				
7/5/06 10:05	0.00	0.40	0.00054				
7/5/06 10:10	0.00	0.40	0.00054				
7/5/06 10:15	0.00	0.40	0.00054				
7/5/06 10:20	0.00	0.40	0.00054				
7/5/06 10:25	0.00	0.40	0.00054				
7/5/06 10:30	0.00	0.40	0.00054				
7/5/06 10:35	0.00	0.40	0.00054				
7/5/06 10:40	0.00	0.40	0.00054				
7/5/06 10:45	0.00	0.40	0.00054				
7/5/06 10:50	0.00	0.40	0.00054				
7/5/06 10:55	0.00	0.40	0.00054				
7/5/06 11:00	0.00	0.40	0.00054				
7/5/06 11:05	0.00	0.40	0.00054				
7/5/06 11:10	0.00	0.40	0.00054				
7/5/06 11:15	0.00	0.40	0.00054				
7/5/06 11:20	0.00	0.40	0.00054				
7/5/06 11:25	0.00	0.40	0.00054				
7/5/06 11:30	0.00	0.40	0.00054				
7/5/06 11:35	0.00	0.40	0.00054				

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7/5/06 11:40	0.00	0.40	0.00054
7/5/06 11:45	0.00	0.40	0.00054
7/5/06 11:50	0.00	0.40	0.00054
7/5/06 11:55	0.00	0.40	0.00054
7/5/06 12:00	0.01	0.40	0.00054
7/5/06 12:05	0.00	0.44	0.00059
7/5/06 12:10	0.00	0.44	0.00059
7/5/06 12:15	0.00	0.44	0.00059
7/5/06 12:20	0.00	0.44	0.00059
7/5/06 12:25	0.00	0.49	0.00065
7/5/06 12:30	0.00	0.49	0.00065
7/5/06 12:35	0.00	0.49	0.00065
7/5/06 12:40	0.00	0.49	0.00065
7/5/06 12:45	0.00	0.49	0.00065
7/5/06 12:50	0.00	0.49	0.00065
7/5/06 12:55	0.00	0.49	0.00065
7/5/06 13:00	0.00	0.49	0.00065
7/5/06 13:05	0.00	0.49	0.00065
7/5/06 13:10	0.00	0.49	0.00065
7/5/06 13:15	0.00	0.49	0.00065
7/5/06 13:20	0.00	0.49	0.00065
7/5/06 13:25	0.00	0.49	0.00065
7/5/06 13:30	0.00	0.49	0.00065
7/5/06 13:35	0.00	0.49	0.00065
7/5/06 13:40	0.00	0.49	0.00065
7/5/06 13:45	0.00	0.49	0.00065
7/5/06 13:50	0.00	0.49	0.00065
7/5/06 13:55	0.00	0.49	0.00065
7/5/06 14:00	0.00	0.44	0.00059
7/5/06 14:05	0.00	0.44	0.00059
7/5/06 14:10	0.00	0.44	0.00059
7/5/06 14:15	0.00	0.44	0.00059
7/5/06 14:20	0.00	0.44	0.00059
7/5/06 14:25	0.00	0.44	0.00059
7/5/06 14:30	0.00	0.44	0.00059
7/5/06 14:35	0.00	0.44	0.00059
7/5/06 14:40	0.00	0.44	0.00059
7/5/06 14:45	0.00	0.44	0.00059
7/5/06 14:50	0.00	0.44	0.00059
7/5/06 14:55	0.00	0.44	0.00059
7/5/06 15:00	0.00	0.44	0.00059
7/5/06 15:05	0.01	0.44	0.00059
7/5/06 15:10	0.00	0.44	0.00059
7/5/06 15:15	0.00	0.44	0.00059
7/5/06 15:20	0.00	0.44	0.00059
7/5/06 15:25	0.00	0.44	0.00059
7/5/06 15:30	0.00	0.44	0.00059
7/5/06 15:35	0.00	0.44	0.00059

7/5/06 15:40	0.00	0.44	0.00059
7/5/06 15:45	0.00	0.44	0.00059
7/5/06 15:50	0.00	0.44	0.00059
7/5/06 15:55	0.00	0.44	0.00059
7/5/06 16:00	0.00	0.44	0.00059
7/5/06 16:05	0.00	0.44	0.00059
7/5/06 16:10	0.00	0.44	0.00059
7/5/06 16:15	0.00	0.44	0.00059
7/5/06 16:20	0.00	0.44	0.00059
7/5/06 16:25	0.00	0.44	0.00059
7/5/06 16:30	0.00	0.44	0.00059
7/5/06 16:35	0.00	0.44	0.00059
7/5/06 16:40	0.00	0.44	0.00059
7/5/06 16:45	0.01	0.44	0.00059
7/5/06 16:50	0.00	0.44	0.00059
7/5/06 16:55	0.00	0.44	0.00059
7/5/06 17:00	0.00	0.44	0.00059
7/5/06 17:05	0.00	0.44	0.00059
7/5/06 17:10	0.00	0.44	0.00059
7/5/06 17:15	0.00	0.44	0.00059
7/5/06 17:20	0.00	0.44	0.00059
7/5/06 17:25	0.00	0.44	0.00059
7/5/06 17:30	0.00	0.44	0.00059
7/5/06 17:35	0.00	0.44	0.00059
7/5/06 17:40	0.00	0.44	0.00059
7/5/06 17:45	0.00	0.44	0.00059
7/5/06 17:50	0.00	0.44	0.00059
7/5/06 17:55	0.00	0.44	0.00059
7/5/06 18:00	0.00	0.44	0.00059
7/5/06 18:05	0.00	0.44	0.00059
7/5/06 18:10	0.00	0.44	0.00059
7/5/06 18:15	0.00	0.44	0.00059
7/5/06 18:20	0.00	0.44	0.00059
7/5/06 18:25	0.00	0.44	0.00059
7/5/06 18:30	0.00	0.44	0.00059
7/5/06 18:35	0.00	0.44	0.00059
7/5/06 18:40	0.00	0.44	0.00059
7/5/06 18:45	0.00	0.44	0.00059
7/5/06 18:50	0.00	0.44	0.00059
7/5/06 18:55	0.00	0.44	0.00059
7/5/06 19:00	0.00	0.44	0.00059
7/5/06 19:05	0.00	0.44	0.00059
7/5/06 19:10	0.00	0.44	0.00059
7/5/06 19:15	0.00	0.44	0.00059
7/5/06 19:20	0.00	0.44	0.00059
7/5/06 19:25	0.00	0.44	0.00059
7/5/06 19:30	0.00	0.44	0.00059
7/5/06 19:35	0.00	0.44	0.00059

7/5/06 19:40	0.00	0.44	0.00059
7/5/06 19:45	0.00	0.44	0.00059
7/5/06 19:50	0.00	0.44	0.00059
7/5/06 19:55	0.00	0.44	0.00059
7/5/06 20:00	0.00	0.44	0.00059
7/5/06 20:05	0.00	0.44	0.00059
7/5/06 20:10	0.00	0.44	0.00059
7/5/06 20:15	0.00	0.44	0.00059
7/5/06 20:20	0.00	0.44	0.00059
7/5/06 20:25	0.00	0.44	0.00059
7/5/06 20:30	0.00	0.44	0.00059
7/5/06 20:35	0.00	0.44	0.00059
7/5/06 20:40	0.00	0.44	0.00059
7/5/06 20:45	0.00	0.44	0.00059
7/5/06 20:50	0.00	0.44	0.00059
7/5/06 20:55	0.00	0.44	0.00059
7/5/06 21:00	0.00	0.44	0.00059
7/5/06 21:05	0.01	0.44	0.00059
7/5/06 21:10	0.00	0.44	0.00059
7/5/06 21:15	0.01	0.44	0.00059
7/5/06 21:20	0.03	0.44	0.00059
7/5/06 21:25	0.21	0.44	0.00059
7/5/06 21:30	0.29	0.44	0.00059
7/5/06 21:35	0.14	0.49	0.00065
7/5/06 21:40	0.15	0.49	0.00065
7/5/06 21:45	0.16	0.53	0.00071
7/5/06 21:50	0.26	0.58	0.00077
7/5/06 21:55	0.20	0.76	0.00101
7/5/06 22:00	0.11	0.93	0.00124
7/5/06 22:05	0.06	1.26	0.00168
7/5/06 22:10	0.03	1.39	0.00186
7/5/06 22:15	0.01	1.54	0.00205
7/5/06 22:20	0.01	1.69	0.00226
7/5/06 22:25	0.01	1.86	0.00248
7/5/06 22:30	0.01	1.86	0.00248
7/5/06 22:35	0.01	1.86	0.00248
7/5/06 22:40	0.00	1.86	0.00248
7/5/06 22:45	0.01	1.86	0.00248
7/5/06 22:50	0.00	1.86	0.00248
7/5/06 22:55	0.00	1.86	0.00248
7/5/06 23:00	0.00	2.00	0.00267
7/5/06 23:05	0.00	2.47	0.00330
7/5/06 23:10	0.00	7.00	0.00935
7/5/06 23:15	0.00	19.72	0.02633
7/5/06 23:20	0.00	20.68	0.02762
7/5/06 23:25	0.01	21.01	0.02805
7/5/06 23:30	0.00	20.36	0.02719
7/5/06 23:35	0.00	19.72	0.02633

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7/5/06 23:40	0.00	18.78	0.02508				
7/5/06 23:45	0.00	17.55	0.02344				
7/5/06 23:50	0.01	16.65	0.02224				
7/5/06 23:55	0.00	16.06	0.02145				
Total Rainfall	1.86		0.00146				0.03908
		Daily Mean Dis.	0.01749				0.15630
			0.02805				1.35174
		Inst. Peak Dis.	0.33664				5.40698
		Ratio	19.24				34.59

**04/14/2007 to 04/15/2007**

Date	Rainfall (inches)	Sopers Gage	Sopers_Adj.	Date	Time	LSLS104	LSLS104Adj
4/14/07 17:20	0.01	1.69	0.00226	20070414	171500	1.30	0.00472
4/14/07 17:25	0.00	1.69	0.00226	20070414	173000	1.30	0.00472
4/14/07 17:30	0.01	1.69	0.00226	20070414	174500	1.30	0.00472
4/14/07 17:35	0.01	1.69	0.00226	20070414	180000	1.30	0.00472
4/14/07 17:40	0.01	1.69	0.00226	20070414	181500	1.30	0.00472
4/14/07 17:45	0.00	1.69	0.00226	20070414	183000	1.30	0.00472
4/14/07 17:50	0.01	1.69	0.00226	20070414	184500	1.30	0.00472
4/14/07 17:55	0.00	1.69	0.00226	20070414	190000	1.30	0.00472
4/14/07 18:00	0.00	1.69	0.00226	20070414	191500	1.30	0.00472
4/14/07 18:05	0.01	1.69	0.00226	20070414	193000	1.30	0.00472
4/14/07 18:10	0.00	1.69	0.00226	20070414	194500	1.30	0.00472
4/14/07 18:15	0.01	1.69	0.00226	20070414	200000	1.30	0.00472
4/14/07 18:20	0.00	1.69	0.00226	20070414	201500	1.30	0.00472
4/14/07 18:25	0.00	1.69	0.00226	20070414	203000	1.30	0.00472
4/14/07 18:30	0.00	1.69	0.00226	20070414	204500	1.30	0.00472
4/14/07 18:35	0.01	1.69	0.00226	20070414	210000	1.30	0.00472
4/14/07 18:40	0.00	1.69	0.00226	20070414	211500	1.30	0.00472
4/14/07 18:45	0.00	1.69	0.00226	20070414	213000	1.30	0.00472
4/14/07 18:50	0.01	1.69	0.00226	20070414	214500	1.40	0.00509
4/14/07 18:55	0.00	1.69	0.00226	20070414	220000	1.40	0.00509
4/14/07 19:00	0.00	1.69	0.00226	20070414	221500	1.40	0.00509
4/14/07 19:05	0.00	1.69	0.00226	20070414	223000	1.40	0.00509
4/14/07 19:10	0.00	1.69	0.00226	20070414	224500	1.40	0.00509
4/14/07 19:15	0.00	1.69	0.00226	20070414	230000	1.50	0.00545
4/14/07 19:20	0.01	1.69	0.00226	20070414	231500	1.50	0.00545
4/14/07 19:25	0.00	1.69	0.00226	20070414	233000	1.60	0.00581
4/14/07 19:30	0.00	1.69	0.00226	20070414	234500	1.60	0.00581
4/14/07 19:35	0.00	1.69	0.00226	20070415	0	1.60	0.00581
4/14/07 19:40	0.00	1.69	0.00226	20070415	1500	1.60	0.00581
4/14/07 19:45	0.01	1.69	0.00226	20070415	3000	1.60	0.00581
4/14/07 19:50	0.00	1.69	0.00226	20070415	4500	1.60	0.00581
4/14/07 19:55	0.00	1.69	0.00226	20070415	10000	1.70	0.00618
4/14/07 20:00	0.00	1.69	0.00226	20070415	11500	1.70	0.00618
4/14/07 20:05	0.00	1.69	0.00226	20070415	13000	1.80	0.00654

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4/14/07 20:10	0.00	1.69	0.00226	20070415	14500	1.80	0.00654
4/14/07 20:15	0.01	1.69	0.00226	20070415	20000	2.10	0.00763
4/14/07 20:20	0.00	1.69	0.00226	20070415	21500	2.60	0.00945
4/14/07 20:25	0.01	1.69	0.00226	20070415	23000	2.90	0.01054
4/14/07 20:30	0.00	1.69	0.00226	20070415	24500	3.50	0.01272
4/14/07 20:35	0.01	1.69	0.00226	20070415	30000	4.40	0.01599
4/14/07 20:40	0.01	1.69	0.00226	20070415	31500	4.70	0.01708
4/14/07 20:45	0.01	1.69	0.00226	20070415	33000	4.50	0.01635
4/14/07 20:50	0.00	1.69	0.00226	20070415	34500	4.50	0.01635
4/14/07 20:55	0.01	1.69	0.00226	20070415	40000	5.20	0.01890
4/14/07 21:00	0.01	1.69	0.00226	20070415	41500	6.40	0.02326
4/14/07 21:05	0.01	1.69	0.00226	20070415	43000	6.20	0.02253
4/14/07 21:10	0.01	1.69	0.00226	20070415	44500	9.00	0.03270
4/14/07 21:15	0.00	1.69	0.00226	20070415	50000	9.20	0.03343
4/14/07 21:20	0.01	1.69	0.00226	20070415	51500	9.00	0.03270
4/14/07 21:25	0.00	1.69	0.00226	20070415	53000	9.00	0.03270
4/14/07 21:30	0.00	1.69	0.00226	20070415	54500	8.70	0.03161
4/14/07 21:35	0.00	1.69	0.00226	20070415	60000	9.90	0.03597
4/14/07 21:40	0.00	1.69	0.00226	20070415	61500	15.00	0.05451
4/14/07 21:45	0.00	1.69	0.00226	20070415	63000	15.00	0.05451
4/14/07 21:50	0.01	1.69	0.00226	20070415	64500	14.00	0.05087
4/14/07 21:55	0.01	1.86	0.00248	20070415	70000	14.00	0.05087
4/14/07 22:00	0.01	1.86	0.00248	20070415	71500	12.00	0.04360
4/14/07 22:05	0.00	1.86	0.00248	20070415	73000	10.00	0.03634
4/14/07 22:10	0.02	1.86	0.00248	20070415	74500	9.70	0.03525
4/14/07 22:15	0.01	1.86	0.00248	20070415	80000	8.70	0.03161
4/14/07 22:20	0.01	1.86	0.00248	20070415	81500	8.20	0.02980
4/14/07 22:25	0.00	1.86	0.00248	20070415	83000	7.50	0.02725
4/14/07 22:30	0.00	1.86	0.00248	20070415	84500	6.40	0.02326
4/14/07 22:35	0.01	1.86	0.00248	20070415	90000	5.80	0.02108
4/14/07 22:40	0.00	1.86	0.00248	20070415	91500	5.20	0.01890
4/14/07 22:45	0.00	1.86	0.00248	20070415	93000	5.00	0.01817
4/14/07 22:50	0.00	1.86	0.00248	20070415	94500	5.80	0.02108
4/14/07 22:55	0.00	1.86	0.00248	20070415	100000	6.80	0.02471
4/14/07 23:00	0.00	1.86	0.00248	20070415	101500	8.00	0.02907
4/14/07 23:05	0.00	1.86	0.00248	20070415	103000	9.00	0.03270
4/14/07 23:10	0.00	1.86	0.00248	20070415	104500	12.00	0.04360
4/14/07 23:15	0.00	2.00	0.00267	20070415	110000	11.00	0.03997
4/14/07 23:20	0.00	2.00	0.00267	20070415	111500	9.90	0.03597
4/14/07 23:25	0.00	2.00	0.00267	20070415	113000	9.20	0.03343
4/14/07 23:30	0.00	2.00	0.00267	20070415	114500	9.50	0.03452
4/14/07 23:35	0.02	2.00	0.00267	20070415	120000	9.20	0.03343
4/14/07 23:40	0.01	2.00	0.00267	20070415	121500	9.50	0.03452
4/14/07 23:45	0.02	2.00	0.00267	20070415	123000	11.00	0.03997
4/14/07 23:50	0.03	2.00	0.00267	20070415	124500	14.00	0.05087
4/14/07 23:55	0.01	2.00	0.00267	20070415	130000	13.00	0.04724
4/15/07 0:00	0.03	2.00	0.00267	20070415	131500	12.00	0.04360
4/15/07 0:05	0.01	2.00	0.00267	20070415	133000	11.00	0.03997
4/15/07 0:10	0.03	2.00	0.00267	20070415	134500	9.70	0.03525
4/15/07 0:15	0.01	2.00	0.00267	20070415	140000	9.00	0.03270
4/15/07 0:20	0.00	2.00	0.00267	20070415	141500	8.00	0.02907
4/15/07 0:25	0.01	2.15	0.00287	20070415	143000	8.00	0.02907

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4/15/07 0:30	0.02	2.15	0.00287	20070415	144500	9.00	0.03270
4/15/07 0:35	0.02	2.15	0.00287	20070415	150000	10.00	0.03634
4/15/07 0:40	0.00	2.15	0.00287	20070415	151500	9.90	0.03597
4/15/07 0:45	0.00	2.15	0.00287	20070415	153000	8.70	0.03161
4/15/07 0:50	0.03	2.31	0.00308	20070415	154500	8.00	0.02907
4/15/07 0:55	0.01	2.31	0.00308	20070415	160000	7.30	0.02653
4/15/07 1:00	0.00	2.31	0.00308	20070415	161500	6.40	0.02326
4/15/07 1:05	0.02	2.31	0.00308	20070415	163000	5.80	0.02108
4/15/07 1:10	0.03	2.47	0.00330	20070415	164500	5.20	0.01890
4/15/07 1:15	0.02	2.47	0.00330	20070415	170000	4.70	0.01708
4/15/07 1:20	0.01	2.64	0.00353	20070415	171500	4.40	0.01599
4/15/07 1:25	0.04	2.64	0.00353				0.02110
4/15/07 1:30	0.02	2.64	0.00353				0.05451
4/15/07 1:35	0.01	2.64	0.00353				
4/15/07 1:40	0.01	2.82	0.00377				
4/15/07 1:45	0.00	2.82	0.00377				
4/15/07 1:50	0.00	3.01	0.00402				
4/15/07 1:55	0.00	3.01	0.00402				
4/15/07 2:00	0.01	3.21	0.00429				
4/15/07 2:05	0.00	3.21	0.00429				
4/15/07 2:10	0.00	3.42	0.00456				
4/15/07 2:15	0.00	3.42	0.00456				
4/15/07 2:20	0.02	3.63	0.00485				
4/15/07 2:25	0.03	3.86	0.00515				
4/15/07 2:30	0.03	3.86	0.00515				
4/15/07 2:35	0.01	4.33	0.00579				
4/15/07 2:40	0.02	4.59	0.00613				
4/15/07 2:45	0.04	4.59	0.00613				
4/15/07 2:50	0.01	4.85	0.00648				
4/15/07 2:55	0.04	5.41	0.00723				
4/15/07 3:00	0.02	5.71	0.00762				
4/15/07 3:05	0.02	6.01	0.00803				
4/15/07 3:10	0.01	6.33	0.00845				
4/15/07 3:15	0.01	7.00	0.00935				
4/15/07 3:20	0.01	7.56	0.01009				
4/15/07 3:25	0.01	8.14	0.01087				
4/15/07 3:30	0.01	9.39	0.01254				
4/15/07 3:35	0.01	10.39	0.01388				
4/15/07 3:40	0.01	11.46	0.01531				
4/15/07 3:45	0.00	12.99	0.01735				
4/15/07 3:50	0.01	14.08	0.01880				
4/15/07 3:55	0.01	14.91	0.01992				
4/15/07 4:00	0.00	15.48	0.02068				
4/15/07 4:05	0.00	16.36	0.02184				
4/15/07 4:10	0.01	17.25	0.02303				
4/15/07 4:15	0.00	17.85	0.02384				
4/15/07 4:20	0.00	18.16	0.02425				
4/15/07 4:25	0.00	18.78	0.02508				
4/15/07 4:30	0.05	19.09	0.02549				
4/15/07 4:35	0.04	19.72	0.02633				
4/15/07 4:40	0.04	20.36	0.02719				
4/15/07 4:45	0.01	21.33	0.02849				

4/15/07 4:50	0.03	23.00	0.03072
4/15/07 4:55	0.03	23.80	0.03179
4/15/07 5:00	0.02	24.88	0.03323
4/15/07 5:05	0.01	25.70	0.03432
4/15/07 5:10	0.02	26.80	0.03580
4/15/07 5:15	0.02	27.36	0.03654
4/15/07 5:20	0.01	27.64	0.03691
4/15/07 5:25	0.02	27.92	0.03728
4/15/07 5:30	0.01	28.48	0.03803
4/15/07 5:35	0.01	28.76	0.03841
4/15/07 5:40	0.01	29.04	0.03878
4/15/07 5:45	0.00	29.04	0.03878
4/15/07 5:50	0.02	29.04	0.03878
4/15/07 5:55	0.01	28.76	0.03841
4/15/07 6:00	0.00	28.76	0.03841
4/15/07 6:05	0.00	28.76	0.03841
4/15/07 6:10	0.01	28.76	0.03841
4/15/07 6:15	0.01	28.76	0.03841
4/15/07 6:20	0.00	28.76	0.03841
4/15/07 6:25	0.01	29.04	0.03878
4/15/07 6:30	0.01	29.04	0.03878
4/15/07 6:35	0.01	29.04	0.03878
4/15/07 6:40	0.00	29.61	0.03954
4/15/07 6:45	0.00	30.75	0.04107
4/15/07 6:50	0.01	31.33	0.04183
4/15/07 6:55	0.00	31.90	0.04261
4/15/07 7:00	0.00	35.13	0.04691
4/15/07 7:05	0.00	35.72	0.04771
4/15/07 7:10	0.00	35.72	0.04771
4/15/07 7:15	0.00	35.72	0.04771
4/15/07 7:20	0.00	36.56	0.04883
4/15/07 7:25	0.01	36.25	0.04841
4/15/07 7:30	0.00	36.25	0.04841
4/15/07 7:35	0.00	36.25	0.04841
4/15/07 7:40	0.00	36.25	0.04841
4/15/07 7:45	0.01	36.25	0.04841
4/15/07 7:50	0.00	36.25	0.04841
4/15/07 7:55	0.01	35.94	0.04799
4/15/07 8:00	0.00	35.94	0.04799
4/15/07 8:05	0.02	35.32	0.04717
4/15/07 8:10	0.01	34.70	0.04634
4/15/07 8:15	0.02	34.39	0.04593
4/15/07 8:20	0.01	33.78	0.04511
4/15/07 8:25	0.01	33.78	0.04511
4/15/07 8:30	0.02	33.17	0.04430
4/15/07 8:35	0.01	32.87	0.04389
4/15/07 8:40	0.01	31.96	0.04268
4/15/07 8:45	0.02	31.66	0.04228
4/15/07 8:50	0.01	31.36	0.04188
4/15/07 8:55	0.01	30.76	0.04109
4/15/07 9:00	0.02	30.47	0.04069
4/15/07 9:05	0.01	29.58	0.03950

4/15/07 9:10	0.03	29.29	0.03911
4/15/07 9:15	0.02	28.99	0.03872
4/15/07 9:20	0.02	28.70	0.03833
4/15/07 9:25	0.00	28.41	0.03794
4/15/07 9:30	0.01	28.12	0.03755
4/15/07 9:35	0.00	27.83	0.03716
4/15/07 9:40	0.01	27.54	0.03678
4/15/07 9:45	0.01	27.25	0.03639
4/15/07 9:50	0.00	26.96	0.03601
4/15/07 9:55	0.01	26.96	0.03601
4/15/07 10:00	0.01	26.67	0.03562
4/15/07 10:05	0.00	26.67	0.03562
4/15/07 10:10	0.02	26.67	0.03562
4/15/07 10:15	0.00	26.67	0.03562
4/15/07 10:20	0.00	26.67	0.03562
4/15/07 10:25	0.01	26.67	0.03562
4/15/07 10:30	0.01	26.96	0.03601
4/15/07 10:35	0.01	27.25	0.03639
4/15/07 10:40	0.01	27.54	0.03678
4/15/07 10:45	0.01	27.83	0.03716
4/15/07 10:50	0.01	28.12	0.03755
4/15/07 10:55	0.01	28.70	0.03833
4/15/07 11:00	0.02	28.99	0.03872
4/15/07 11:05	0.01	29.58	0.03950
4/15/07 11:10	0.02	29.58	0.03950
4/15/07 11:15	0.03	30.17	0.04029
4/15/07 11:20	0.02	31.06	0.04148
4/15/07 11:25	0.02	31.36	0.04188
4/15/07 11:30	0.01	31.96	0.04268
4/15/07 11:35	0.01	32.26	0.04309
4/15/07 11:40	0.01	32.57	0.04349
4/15/07 11:45	0.01	32.57	0.04349
4/15/07 11:50	0.00	32.57	0.04349
4/15/07 11:55	0.01	32.57	0.04349
4/15/07 12:00	0.00	32.57	0.04349
4/15/07 12:05	0.01	32.57	0.04349
4/15/07 12:10	0.01	32.57	0.04349
4/15/07 12:15	0.00	32.26	0.04309
4/15/07 12:20	0.00	32.26	0.04309
4/15/07 12:25	0.00	31.96	0.04268
4/15/07 12:30	0.00	31.96	0.04268
4/15/07 12:35	0.00	31.96	0.04268
4/15/07 12:40	0.01	31.96	0.04268
4/15/07 12:45	0.01	31.96	0.04268
4/15/07 12:50	0.01	31.96	0.04268
4/15/07 12:55	0.01	31.96	0.04268
4/15/07 13:00	0.01	31.96	0.04268
4/15/07 13:05	0.02	32.26	0.04309
4/15/07 13:10	0.01	32.57	0.04349
4/15/07 13:15	0.00	32.87	0.04389
4/15/07 13:20	0.01	33.48	0.04471
4/15/07 13:25	0.01	34.09	0.04552

4/15/07 13:30	0.01	35.01	0.04675
4/15/07 13:35	0.00	35.01	0.04675
4/15/07 13:40	0.01	35.32	0.04717
4/15/07 13:45	0.00	35.63	0.04758
4/15/07 13:50	0.00	35.63	0.04758
4/15/07 13:55	0.00	35.63	0.04758
4/15/07 14:00	0.00	35.63	0.04758
4/15/07 14:05	0.00	35.63	0.04758
4/15/07 14:10	0.00	35.01	0.04675
4/15/07 14:15	0.01	34.39	0.04593
4/15/07 14:20	0.00	34.09	0.04552
4/15/07 14:25	0.00	33.78	0.04511
4/15/07 14:30	0.00	33.17	0.04430
4/15/07 14:35	0.00	32.87	0.04389
4/15/07 14:40	0.00	32.57	0.04349
4/15/07 14:45	0.00	31.96	0.04268
4/15/07 14:50	0.00	31.66	0.04228
4/15/07 14:55	0.00	31.36	0.04188
4/15/07 15:00	0.00	31.06	0.04148
4/15/07 15:05	0.00	30.76	0.04109
4/15/07 15:10	0.00	30.47	0.04069
4/15/07 15:15	0.00	30.47	0.04069
4/15/07 15:20	0.00	30.17	0.04029
4/15/07 15:25	0.00	29.88	0.03990
4/15/07 15:30	0.00	29.88	0.03990
4/15/07 15:35	0.00	29.88	0.03990
4/15/07 15:40	0.00	29.58	0.03950
4/15/07 15:45	0.00	29.29	0.03911
4/15/07 15:50	0.00	28.99	0.03872
4/15/07 15:55	0.00	28.70	0.03833
4/15/07 16:00	0.00	28.70	0.03833
4/15/07 16:05	0.00	28.41	0.03794
4/15/07 16:10	0.00	28.12	0.03755
4/15/07 16:15	0.00	27.83	0.03716
4/15/07 16:20	0.00	27.54	0.03678
4/15/07 16:25	0.00	27.25	0.03639
4/15/07 16:30	0.00	26.96	0.03601
4/15/07 16:35	0.00	26.67	0.03562
4/15/07 16:40	0.00	26.39	0.03524
4/15/07 16:45	0.00	26.10	0.03486
4/15/07 16:50	0.00	25.82	0.03448
4/15/07 16:55	0.00	25.54	0.03410
4/15/07 17:00	0.00	25.25	0.03372
4/15/07 17:05	0.00	24.97	0.03335
4/15/07 17:10	0.00	24.69	0.03297
4/15/07 17:15	0.00	24.41	0.03260

Total Rainfall	2.22	0.02381				0.02110
	Daily Mean Dis.	0.28571				0.08441
		0.04883				0.05451
	Inst. Peak Dis.	0.58590				0.21802

	Ratio	2.05			2.58
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06/13/2007

Date	Rainfall (inches)	Sopers Gage	Sopers_Adj.	Date	Time	LSLS104	LSLS104Adj
6/13/07 0:00	0.00	0.76	0.00102	20070613	0	0.21	0.00076
6/13/07 0:05	0.00	0.76	0.00102	20070613	1500	0.21	0.00076
6/13/07 0:10	0.00	0.76	0.00102	20070613	3000	0.21	0.00076
6/13/07 0:15	0.00	0.76	0.00102	20070613	4500	0.21	0.00076
6/13/07 0:20	0.00	0.76	0.00102	20070613	10000	0.21	0.00076
6/13/07 0:25	0.00	0.76	0.00102	20070613	11500	0.21	0.00076
6/13/07 0:30	0.00	0.76	0.00102	20070613	13000	0.21	0.00076
6/13/07 0:35	0.00	0.76	0.00102	20070613	14500	0.21	0.00076
6/13/07 0:40	0.00	0.76	0.00102	20070613	20000	0.21	0.00076
6/13/07 0:45	0.00	0.76	0.00102	20070613	21500	0.21	0.00076
6/13/07 0:50	0.00	0.76	0.00102	20070613	23000	0.21	0.00076
6/13/07 0:55	0.00	0.76	0.00102	20070613	24500	0.21	0.00076
6/13/07 1:00	0.00	0.76	0.00102	20070613	30000	0.21	0.00076
6/13/07 1:05	0.00	0.76	0.00102	20070613	31500	0.21	0.00076
6/13/07 1:10	0.00	0.76	0.00102	20070613	33000	0.21	0.00076
6/13/07 1:15	0.00	0.76	0.00102	20070613	34500	0.21	0.00076
6/13/07 1:20	0.00	0.76	0.00102	20070613	40000	0.21	0.00076
6/13/07 1:25	0.00	0.76	0.00102	20070613	41500	0.21	0.00076
6/13/07 1:30	0.00	0.76	0.00102	20070613	43000	0.21	0.00076
6/13/07 1:35	0.00	0.76	0.00102	20070613	44500	0.21	0.00076
6/13/07 1:40	0.00	0.76	0.00102	20070613	50000	0.21	0.00076
6/13/07 1:45	0.00	0.76	0.00102	20070613	51500	0.21	0.00076
6/13/07 1:50	0.00	0.76	0.00102	20070613	53000	0.21	0.00076
6/13/07 1:55	0.00	0.76	0.00102	20070613	54500	0.21	0.00076
6/13/07 2:00	0.00	0.76	0.00102	20070613	60000	0.21	0.00076
6/13/07 2:05	0.00	0.76	0.00102	20070613	61500	0.21	0.00076
6/13/07 2:10	0.00	0.76	0.00102	20070613	63000	0.21	0.00076
6/13/07 2:15	0.00	0.76	0.00102	20070613	64500	0.21	0.00076
6/13/07 2:20	0.00	0.76	0.00102	20070613	70000	0.21	0.00076
6/13/07 2:25	0.00	0.76	0.00102	20070613	71500	0.24	0.00087
6/13/07 2:30	0.00	0.76	0.00102	20070613	73000	0.21	0.00076
6/13/07 2:35	0.00	0.76	0.00102	20070613	74500	0.21	0.00076
6/13/07 2:40	0.00	0.76	0.00102	20070613	80000	0.21	0.00076
6/13/07 2:45	0.00	0.76	0.00102	20070613	81500	0.21	0.00076
6/13/07 2:50	0.00	0.76	0.00102	20070613	83000	0.21	0.00076
6/13/07 2:55	0.00	0.76	0.00102	20070613	84500	0.21	0.00076
6/13/07 3:00	0.00	0.76	0.00102	20070613	90000	0.21	0.00076
6/13/07 3:05	0.00	0.76	0.00102	20070613	91500	0.21	0.00076
6/13/07 3:10	0.00	0.76	0.00102	20070613	93000	0.21	0.00076
6/13/07 3:15	0.00	0.76	0.00102	20070613	94500	0.21	0.00076
6/13/07 3:20	0.00	0.76	0.00102	20070613	100000	0.21	0.00076
6/13/07 3:25	0.00	0.76	0.00102	20070613	101500	0.21	0.00076
6/13/07 3:30	0.00	0.76	0.00102	20070613	103000	0.21	0.00076
6/13/07 3:35	0.00	0.76	0.00102	20070613	104500	0.21	0.00076
6/13/07 3:40	0.00	0.76	0.00102	20070613	110000	0.21	0.00076

Technical Appendix Section 4

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6/13/07 3:45	0.00	0.76	0.00102	20070613	111500	0.21	0.00076
6/13/07 3:50	0.00	0.76	0.00102	20070613	113000	0.21	0.00076
6/13/07 3:55	0.00	0.76	0.00102	20070613	114500	0.21	0.00076
6/13/07 4:00	0.00	0.76	0.00102	20070613	120000	0.21	0.00076
6/13/07 4:05	0.00	0.76	0.00102	20070613	121500	0.21	0.00076
6/13/07 4:10	0.00	0.76	0.00102	20070613	123000	0.21	0.00076
6/13/07 4:15	0.00	0.76	0.00102	20070613	124500	0.21	0.00076
6/13/07 4:20	0.00	0.76	0.00102	20070613	130000	0.21	0.00076
6/13/07 4:25	0.00	0.76	0.00102	20070613	131500	0.21	0.00076
6/13/07 4:30	0.00	0.76	0.00102	20070613	133000	0.21	0.00076
6/13/07 4:35	0.00	0.76	0.00102	20070613	134500	0.21	0.00076
6/13/07 4:40	0.00	0.76	0.00102	20070613	140000	0.21	0.00076
6/13/07 4:45	0.00	0.76	0.00102	20070613	141500	0.18	0.00065
6/13/07 4:50	0.00	0.76	0.00102	20070613	143000	0.18	0.00065
6/13/07 4:55	0.00	0.76	0.00102	20070613	144500	0.18	0.00065
6/13/07 5:00	0.00	0.76	0.00102	20070613	150000	0.18	0.00065
6/13/07 5:05	0.00	0.76	0.00102	20070613	151500	0.18	0.00065
6/13/07 5:10	0.00	0.76	0.00102	20070613	153000	0.21	0.00076
6/13/07 5:15	0.00	0.76	0.00102	20070613	154500	0.18	0.00065
6/13/07 5:20	0.00	0.76	0.00102	20070613	160000	0.18	0.00065
6/13/07 5:25	0.00	0.76	0.00102	20070613	161500	0.18	0.00065
6/13/07 5:30	0.00	0.76	0.00102	20070613	163000	0.18	0.00065
6/13/07 5:35	0.00	0.76	0.00102	20070613	164500	0.18	0.00065
6/13/07 5:40	0.00	0.76	0.00102	20070613	170000	0.18	0.00065
6/13/07 5:45	0.00	0.76	0.00102	20070613	171500	0.18	0.00065
6/13/07 5:50	0.00	0.76	0.00102	20070613	173000	0.18	0.00065
6/13/07 5:55	0.00	0.76	0.00102	20070613	174500	0.58	0.00211
6/13/07 6:00	0.00	0.76	0.00102	20070613	180000	0.62	0.00225
6/13/07 6:05	0.00	0.76	0.00102	20070613	181500	0.67	0.00243
6/13/07 6:10	0.00	0.76	0.00102	20070613	183000	1.90	0.00690
6/13/07 6:15	0.00	0.76	0.00102	20070613	184500	2.10	0.00763
6/13/07 6:20	0.00	0.76	0.00102	20070613	190000	2.10	0.00763
6/13/07 6:25	0.00	0.76	0.00102	20070613	191500	2.00	0.00727
6/13/07 6:30	0.00	0.76	0.00102	20070613	193000	1.80	0.00654
6/13/07 6:35	0.00	0.76	0.00102	20070613	194500	1.80	0.00654
6/13/07 6:40	0.00	0.76	0.00102	20070613	200000	1.70	0.00618
6/13/07 6:45	0.00	0.76	0.00102	20070613	201500	1.50	0.00545
6/13/07 6:50	0.00	0.76	0.00102	20070613	203000	1.40	0.00509
6/13/07 6:55	0.00	0.76	0.00102	20070613	204500	1.30	0.00472
6/13/07 7:00	0.00	0.76	0.00102	20070613	210000	1.10	0.00400
6/13/07 7:05	0.00	0.76	0.00102	20070613	211500	1.10	0.00400
6/13/07 7:10	0.00	0.76	0.00102	20070613	213000	1.00	0.00363
6/13/07 7:15	0.00	0.76	0.00102	20070613	214500	0.94	0.00342
6/13/07 7:20	0.00	0.76	0.00102	20070613	220000	0.88	0.00320
6/13/07 7:25	0.00	0.76	0.00102	20070613	221500	0.94	0.00342
6/13/07 7:30	0.00	0.76	0.00102	20070613	223000	0.94	0.00342
6/13/07 7:35	0.00	0.76	0.00102	20070613	224500	0.88	0.00320
6/13/07 7:40	0.00	0.76	0.00102	20070613	230000	0.88	0.00320
6/13/07 7:45	0.00	0.76	0.00102	20070613	231500	0.82	0.00298
6/13/07 7:50	0.00	0.76	0.00102	20070613	233000	0.82	0.00298
6/13/07 7:55	0.00	0.76	0.00102	20070613	234500	0.77	0.00280
6/13/07 8:00	0.00	0.76	0.00102				0.00171

6/13/07 8:05	0.00	0.76	0.00102		0.00763
6/13/07 8:10	0.00	0.76	0.00102		
6/13/07 8:15	0.00	0.76	0.00102		
6/13/07 8:20	0.00	0.76	0.00102		
6/13/07 8:25	0.00	0.76	0.00102		
6/13/07 8:30	0.00	0.76	0.00102		
6/13/07 8:35	0.00	0.76	0.00102		
6/13/07 8:40	0.00	0.76	0.00102		
6/13/07 8:45	0.00	0.76	0.00102		
6/13/07 8:50	0.00	0.76	0.00102		
6/13/07 8:55	0.00	0.76	0.00102		
6/13/07 9:00	0.00	0.76	0.00102		
6/13/07 9:05	0.00	0.76	0.00102		
6/13/07 9:10	0.00	0.76	0.00102		
6/13/07 9:15	0.00	0.76	0.00102		
6/13/07 9:20	0.00	0.76	0.00102		
6/13/07 9:25	0.00	0.76	0.00102		
6/13/07 9:30	0.00	0.76	0.00102		
6/13/07 9:35	0.00	0.76	0.00102		
6/13/07 9:40	0.00	0.76	0.00102		
6/13/07 9:45	0.00	0.76	0.00102		
6/13/07 9:50	0.00	0.76	0.00102		
6/13/07 9:55	0.00	0.76	0.00102		
6/13/07 10:00	0.00	0.76	0.00102		
6/13/07 10:05	0.00	0.76	0.00102		
6/13/07 10:10	0.00	0.76	0.00102		
6/13/07 10:15	0.00	0.76	0.00102		
6/13/07 10:20	0.00	0.76	0.00102		
6/13/07 10:25	0.00	0.76	0.00102		
6/13/07 10:30	0.00	0.76	0.00102		
6/13/07 10:35	0.00	0.76	0.00102		
6/13/07 10:40	0.00	0.76	0.00102		
6/13/07 10:45	0.00	0.76	0.00102		
6/13/07 10:50	0.00	0.76	0.00102		
6/13/07 10:55	0.00	0.76	0.00102		
6/13/07 11:00	0.00	0.76	0.00102		
6/13/07 11:05	0.00	0.76	0.00102		
6/13/07 11:10	0.00	0.76	0.00102		
6/13/07 11:15	0.00	0.76	0.00102		
6/13/07 11:20	0.00	0.76	0.00102		
6/13/07 11:25	0.00	0.76	0.00102		
6/13/07 11:30	0.00	0.76	0.00102		
6/13/07 11:35	0.00	0.76	0.00102		
6/13/07 11:40	0.00	0.76	0.00102		
6/13/07 11:45	0.00	0.76	0.00102		
6/13/07 11:50	0.00	0.76	0.00102		
6/13/07 11:55	0.00	0.76	0.00102		
6/13/07 12:00	0.00	0.76	0.00102		
6/13/07 12:05	0.00	0.76	0.00102		
6/13/07 12:10	0.00	0.76	0.00102		
6/13/07 12:15	0.00	0.76	0.00102		
6/13/07 12:20	0.00	0.76	0.00102		

6/13/07 12:25	0.00	0.76	0.00102
6/13/07 12:30	0.00	0.70	0.00093
6/13/07 12:35	0.00	0.70	0.00093
6/13/07 12:40	0.00	0.70	0.00093
6/13/07 12:45	0.00	0.70	0.00093
6/13/07 12:50	0.00	0.70	0.00093
6/13/07 12:55	0.00	0.70	0.00093
6/13/07 13:00	0.00	0.70	0.00093
6/13/07 13:05	0.00	0.70	0.00093
6/13/07 13:10	0.00	0.70	0.00093
6/13/07 13:15	0.00	0.70	0.00093
6/13/07 13:20	0.00	0.70	0.00093
6/13/07 13:25	0.00	0.70	0.00093
6/13/07 13:30	0.00	0.70	0.00093
6/13/07 13:35	0.00	0.70	0.00093
6/13/07 13:40	0.00	0.70	0.00093
6/13/07 13:45	0.00	0.70	0.00093
6/13/07 13:50	0.00	0.70	0.00093
6/13/07 13:55	0.00	0.70	0.00093
6/13/07 14:00	0.00	0.70	0.00093
6/13/07 14:05	0.00	0.70	0.00093
6/13/07 14:10	0.00	0.70	0.00093
6/13/07 14:15	0.00	0.70	0.00093
6/13/07 14:20	0.00	0.70	0.00093
6/13/07 14:25	0.00	0.70	0.00093
6/13/07 14:30	0.00	0.70	0.00093
6/13/07 14:35	0.00	0.70	0.00093
6/13/07 14:40	0.00	0.70	0.00093
6/13/07 14:45	0.00	0.70	0.00093
6/13/07 14:50	0.00	0.70	0.00093
6/13/07 14:55	0.00	0.70	0.00093
6/13/07 15:00	0.00	0.70	0.00093
6/13/07 15:05	0.00	0.70	0.00093
6/13/07 15:10	0.00	0.70	0.00093
6/13/07 15:15	0.00	0.70	0.00093
6/13/07 15:20	0.00	0.70	0.00093
6/13/07 15:25	0.00	0.70	0.00093
6/13/07 15:30	0.00	0.70	0.00093
6/13/07 15:35	0.00	0.70	0.00093
6/13/07 15:40	0.00	0.70	0.00093
6/13/07 15:45	0.00	0.70	0.00093
6/13/07 15:50	0.00	0.70	0.00093
6/13/07 15:55	0.00	0.70	0.00093
6/13/07 16:00	0.00	0.70	0.00093
6/13/07 16:05	0.00	0.70	0.00093
6/13/07 16:10	0.00	0.70	0.00093
6/13/07 16:15	0.00	0.70	0.00093
6/13/07 16:20	0.00	0.70	0.00093
6/13/07 16:25	0.13	0.70	0.00093
6/13/07 16:30	0.16	0.70	0.00093
6/13/07 16:35	0.09	0.70	0.00093
6/13/07 16:40	0.04	0.70	0.00093

6/13/07 16:45	0.01	0.70	0.00093
6/13/07 16:50	0.01	0.70	0.00093
6/13/07 16:55	0.01	0.70	0.00093
6/13/07 17:00	0.00	0.70	0.00093
6/13/07 17:05	0.01	0.70	0.00093
6/13/07 17:10	0.01	0.70	0.00093
6/13/07 17:15	0.03	0.70	0.00093
6/13/07 17:20	0.01	0.70	0.00093
6/13/07 17:25	0.02	0.70	0.00093
6/13/07 17:30	0.02	0.70	0.00093
6/13/07 17:35	0.01	0.76	0.00102
6/13/07 17:40	0.02	0.83	0.00111
6/13/07 17:45	0.01	0.90	0.00120
6/13/07 17:50	0.01	0.90	0.00120
6/13/07 17:55	0.01	0.90	0.00120
6/13/07 18:00	0.01	0.90	0.00120
6/13/07 18:05	0.01	0.90	0.00120
6/13/07 18:10	0.01	0.90	0.00120
6/13/07 18:15	0.01	0.90	0.00120
6/13/07 18:20	0.00	0.90	0.00120
6/13/07 18:25	0.01	0.90	0.00120
6/13/07 18:30	0.00	0.97	0.00130
6/13/07 18:35	0.01	0.97	0.00130
6/13/07 18:40	0.00	0.97	0.00130
6/13/07 18:45	0.00	0.97	0.00130
6/13/07 18:50	0.01	0.97	0.00130
6/13/07 18:55	0.00	0.97	0.00130
6/13/07 19:00	0.00	0.97	0.00130
6/13/07 19:05	0.00	1.05	0.00140
6/13/07 19:10	0.00	1.05	0.00140
6/13/07 19:15	0.00	1.05	0.00140
6/13/07 19:20	0.00	1.05	0.00140
6/13/07 19:25	0.00	1.05	0.00140
6/13/07 19:30	0.00	1.05	0.00140
6/13/07 19:35	0.00	1.05	0.00140
6/13/07 19:40	0.00	1.05	0.00140
6/13/07 19:45	0.00	1.05	0.00140
6/13/07 19:50	0.00	1.05	0.00140
6/13/07 19:55	0.00	1.05	0.00140
6/13/07 20:00	0.00	1.13	0.00151
6/13/07 20:05	0.00	1.13	0.00151
6/13/07 20:10	0.00	1.13	0.00151
6/13/07 20:15	0.00	1.21	0.00162
6/13/07 20:20	0.00	1.21	0.00162
6/13/07 20:25	0.00	1.21	0.00162
6/13/07 20:30	0.00	1.21	0.00162
6/13/07 20:35	0.00	1.21	0.00162
6/13/07 20:40	0.00	1.21	0.00162
6/13/07 20:45	0.00	1.21	0.00162
6/13/07 20:50	0.00	1.21	0.00162
6/13/07 20:55	0.00	1.21	0.00162
6/13/07 21:00	0.00	1.21	0.00162

6/13/07 21:05	0.00	1.21	0.00162
6/13/07 21:10	0.00	1.21	0.00162
6/13/07 21:15	0.00	1.21	0.00162
6/13/07 21:20	0.00	1.21	0.00162
6/13/07 21:25	0.00	1.21	0.00162
6/13/07 21:30	0.00	1.21	0.00162
6/13/07 21:35	0.00	1.21	0.00162
6/13/07 21:40	0.00	1.21	0.00162
6/13/07 21:45	0.00	1.21	0.00162
6/13/07 21:50	0.00	1.21	0.00162
6/13/07 21:55	0.00	1.21	0.00162
6/13/07 22:00	0.00	1.21	0.00162
6/13/07 22:05	0.00	1.21	0.00162
6/13/07 22:10	0.00	1.21	0.00162
6/13/07 22:15	0.00	1.21	0.00162
6/13/07 22:20	0.00	1.21	0.00162
6/13/07 22:25	0.00	1.21	0.00162
6/13/07 22:30	0.00	1.21	0.00162
6/13/07 22:35	0.00	1.21	0.00162
6/13/07 22:40	0.00	1.21	0.00162
6/13/07 22:45	0.00	1.21	0.00162
6/13/07 22:50	0.00	1.13	0.00151
6/13/07 22:55	0.00	1.13	0.00151
6/13/07 23:00	0.00	1.13	0.00151
6/13/07 23:05	0.00	1.13	0.00151
6/13/07 23:10	0.00	1.13	0.00151
6/13/07 23:15	0.00	1.13	0.00151
6/13/07 23:20	0.00	1.13	0.00151
6/13/07 23:25	0.00	1.13	0.00151
6/13/07 23:30	0.00	1.05	0.00140
6/13/07 23:35	0.00	1.05	0.00140
6/13/07 23:40	0.00	1.05	0.00140
6/13/07 23:45	0.00	1.05	0.00140
6/13/07 23:50	0.00	1.05	0.00140
6/13/07 23:55	0.00	1.05	0.00140

Total Rainfall	0.68	0.00112				0.00171
	Daily Mean Dis.	0.01345				0.00683
		0.00162				0.00763
	Inst. Peak Dis.	0.01947				0.03052
	Ratio	1.45				4.47

**07/28/2007**

Date	Rainfall (inches)	Sopers Gage	Sopers_Adj.	Date	Time	LSLS104	LSLS104Adj
7/28/07 0:00	0.00	0.21	0.00028	20070728	0	0.16	0.00058
7/28/07 0:05	0.00	0.21	0.00028	20070728	1500	0.16	0.00058
7/28/07 0:10	0.00	0.21	0.00028	20070728	3000	0.16	0.00058
7/28/07 0:15	0.00	0.21	0.00028	20070728	4500	0.16	0.00058
7/28/07 0:20	0.00	0.21	0.00028	20070728	10000	0.16	0.00058
7/28/07 0:25	0.00	0.21	0.00028	20070728	11500	0.16	0.00058
7/28/07 0:30	0.00	0.21	0.00028	20070728	13000	0.16	0.00058
7/28/07 0:35	0.00	0.21	0.00028	20070728	14500	0.16	0.00058
7/28/07 0:40	0.00	0.21	0.00028	20070728	20000	0.16	0.00058
7/28/07 0:45	0.00	0.21	0.00028	20070728	21500	0.16	0.00058
7/28/07 0:50	0.00	0.21	0.00028	20070728	23000	0.16	0.00058
7/28/07 0:55	0.00	0.21	0.00028	20070728	24500	0.16	0.00058
7/28/07 1:00	0.00	0.21	0.00028	20070728	30000	0.16	0.00058
7/28/07 1:05	0.00	0.21	0.00028	20070728	31500	0.16	0.00058
7/28/07 1:10	0.00	0.21	0.00028	20070728	33000	0.16	0.00058
7/28/07 1:15	0.00	0.21	0.00028	20070728	34500	0.16	0.00058
7/28/07 1:20	0.00	0.21	0.00028	20070728	40000	0.16	0.00058
7/28/07 1:25	0.00	0.21	0.00028	20070728	41500	0.16	0.00058
7/28/07 1:30	0.00	0.21	0.00028	20070728	43000	0.16	0.00058
7/28/07 1:35	0.00	0.21	0.00028	20070728	44500	0.16	0.00058
7/28/07 1:40	0.00	0.21	0.00028	20070728	50000	0.16	0.00058
7/28/07 1:45	0.00	0.21	0.00028	20070728	51500	0.16	0.00058
7/28/07 1:50	0.00	0.21	0.00028	20070728	53000	0.16	0.00058
7/28/07 1:55	0.00	0.21	0.00028	20070728	54500	0.16	0.00058
7/28/07 2:00	0.00	0.21	0.00028	20070728	60000	0.16	0.00058
7/28/07 2:05	0.00	0.21	0.00028	20070728	61500	0.16	0.00058
7/28/07 2:10	0.00	0.21	0.00028	20070728	63000	0.16	0.00058
7/28/07 2:15	0.00	0.21	0.00028	20070728	64500	0.16	0.00058
7/28/07 2:20	0.00	0.21	0.00028	20070728	70000	0.16	0.00058
7/28/07 2:25	0.00	0.21	0.00028	20070728	71500	0.16	0.00058
7/28/07 2:30	0.00	0.21	0.00028	20070728	73000	0.16	0.00058
7/28/07 2:35	0.00	0.21	0.00028	20070728	74500	0.16	0.00058
7/28/07 2:40	0.00	0.21	0.00028	20070728	80000	0.16	0.00058
7/28/07 2:45	0.00	0.21	0.00028	20070728	81500	0.16	0.00058
7/28/07 2:50	0.00	0.21	0.00028	20070728	83000	0.16	0.00058
7/28/07 2:55	0.00	0.21	0.00028	20070728	84500	0.16	0.00058
7/28/07 3:00	0.00	0.21	0.00028	20070728	90000	0.16	0.00058
7/28/07 3:05	0.00	0.21	0.00028	20070728	91500	0.16	0.00058
7/28/07 3:10	0.00	0.21	0.00028	20070728	93000	0.16	0.00058
7/28/07 3:15	0.00	0.21	0.00028	20070728	94500	0.16	0.00058
7/28/07 3:20	0.00	0.21	0.00028	20070728	100000	0.16	0.00058
7/28/07 3:25	0.00	0.21	0.00028	20070728	101500	0.16	0.00058
7/28/07 3:30	0.00	0.21	0.00028	20070728	103000	0.16	0.00058
7/28/07 3:35	0.00	0.21	0.00028	20070728	104500	0.16	0.00058
7/28/07 3:40	0.00	0.21	0.00028	20070728	110000	0.16	0.00058
7/28/07 3:45	0.00	0.21	0.00028	20070728	111500	0.16	0.00058

Technical Appendix Section 4

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7/28/07 3:50	0.00	0.21	0.00028	20070728	113000	0.16	0.00058
7/28/07 3:55	0.00	0.21	0.00028	20070728	114500	0.16	0.00058
7/28/07 4:00	0.00	0.21	0.00028	20070728	120000	0.16	0.00058
7/28/07 4:05	0.00	0.21	0.00028	20070728	121500	0.16	0.00058
7/28/07 4:10	0.00	0.21	0.00028	20070728	123000	0.14	0.00051
7/28/07 4:15	0.00	0.21	0.00028	20070728	124500	0.14	0.00051
7/28/07 4:20	0.00	0.21	0.00028	20070728	130000	0.14	0.00051
7/28/07 4:25	0.00	0.21	0.00028	20070728	131500	0.14	0.00051
7/28/07 4:30	0.00	0.21	0.00028	20070728	133000	0.14	0.00051
7/28/07 4:35	0.00	0.21	0.00028	20070728	134500	0.14	0.00051
7/28/07 4:40	0.00	0.21	0.00028	20070728	140000	0.14	0.00051
7/28/07 4:45	0.00	0.21	0.00028	20070728	141500	0.14	0.00051
7/28/07 4:50	0.00	0.21	0.00028	20070728	143000	0.14	0.00051
7/28/07 4:55	0.00	0.21	0.00028	20070728	144500	0.14	0.00051
7/28/07 5:00	0.00	0.21	0.00028	20070728	150000	0.14	0.00051
7/28/07 5:05	0.00	0.21	0.00028	20070728	151500	0.14	0.00051
7/28/07 5:10	0.00	0.21	0.00028	20070728	153000	0.14	0.00051
7/28/07 5:15	0.00	0.21	0.00028	20070728	154500	0.14	0.00051
7/28/07 5:20	0.00	0.21	0.00028	20070728	160000	0.14	0.00051
7/28/07 5:25	0.00	0.21	0.00028	20070728	161500	0.14	0.00051
7/28/07 5:30	0.00	0.21	0.00028	20070728	163000	0.14	0.00051
7/28/07 5:35	0.00	0.21	0.00028	20070728	164500	0.14	0.00051
7/28/07 5:40	0.00	0.21	0.00028	20070728	170000	0.14	0.00051
7/28/07 5:45	0.00	0.21	0.00028	20070728	171500	0.14	0.00051
7/28/07 5:50	0.00	0.21	0.00028	20070728	173000	0.14	0.00051
7/28/07 5:55	0.00	0.21	0.00028	20070728	174500	0.14	0.00051
7/28/07 6:00	0.00	0.21	0.00028	20070728	180000	0.14	0.00051
7/28/07 6:05	0.00	0.21	0.00028	20070728	181500	0.14	0.00051
7/28/07 6:10	0.00	0.21	0.00028	20070728	183000	0.14	0.00051
7/28/07 6:15	0.00	0.21	0.00028	20070728	184500	0.14	0.00051
7/28/07 6:20	0.00	0.21	0.00028	20070728	190000	0.14	0.00051
7/28/07 6:25	0.00	0.21	0.00028	20070728	191500	0.14	0.00051
7/28/07 6:30	0.00	0.21	0.00028	20070728	193000	0.14	0.00051
7/28/07 6:35	0.00	0.21	0.00028	20070728	194500	0.14	0.00051
7/28/07 6:40	0.00	0.21	0.00028	20070728	200000	0.14	0.00051
7/28/07 6:45	0.00	0.21	0.00028	20070728	201500	0.14	0.00051
7/28/07 6:50	0.00	0.21	0.00028	20070728	203000	0.14	0.00051
7/28/07 6:55	0.00	0.21	0.00028	20070728	204500	0.14	0.00051
7/28/07 7:00	0.00	0.21	0.00028	20070728	210000	0.14	0.00051
7/28/07 7:05	0.00	0.21	0.00028	20070728	211500	0.14	0.00051
7/28/07 7:10	0.00	0.21	0.00028	20070728	213000	0.14	0.00051
7/28/07 7:15	0.00	0.21	0.00028	20070728	214500	0.14	0.00051
7/28/07 7:20	0.00	0.21	0.00028	20070728	220000	0.14	0.00051
7/28/07 7:25	0.00	0.21	0.00028	20070728	221500	0.16	0.00058
7/28/07 7:30	0.00	0.21	0.00028	20070728	223000	0.16	0.00058
7/28/07 7:35	0.00	0.21	0.00028	20070728	224500	0.16	0.00058
7/28/07 7:40	0.00	0.21	0.00028	20070728	230000	0.16	0.00058
7/28/07 7:45	0.00	0.21	0.00028	20070728	231500	0.16	0.00058
7/28/07 7:50	0.00	0.21	0.00028	20070728	233000	0.16	0.00058
7/28/07 7:55	0.00	0.21	0.00028	20070728	234500	0.16	0.00058

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7/28/07 8:00	0.00	0.21	0.00028	0.00055
7/28/07 8:05	0.00	0.21	0.00028	0.00058
7/28/07 8:10	0.00	0.21	0.00028	
7/28/07 8:15	0.00	0.21	0.00028	
7/28/07 8:20	0.00	0.21	0.00028	
7/28/07 8:25	0.00	0.21	0.00028	
7/28/07 8:30	0.00	0.21	0.00028	
7/28/07 8:35	0.00	0.21	0.00028	
7/28/07 8:40	0.00	0.21	0.00028	
7/28/07 8:45	0.00	0.21	0.00028	
7/28/07 8:50	0.00	0.21	0.00028	
7/28/07 8:55	0.00	0.21	0.00028	
7/28/07 9:00	0.00	0.21	0.00028	
7/28/07 9:05	0.00	0.21	0.00028	
7/28/07 9:10	0.00	0.21	0.00028	
7/28/07 9:15	0.00	0.21	0.00028	
7/28/07 9:20	0.00	0.21	0.00028	
7/28/07 9:25	0.00	0.21	0.00028	
7/28/07 9:30	0.00	0.21	0.00028	
7/28/07 9:35	0.00	0.21	0.00028	
7/28/07 9:40	0.00	0.21	0.00028	
7/28/07 9:45	0.00	0.21	0.00028	
7/28/07 9:50	0.00	0.21	0.00028	
7/28/07 9:55	0.00	0.21	0.00028	
7/28/07 10:00	0.00	0.21	0.00028	
7/28/07 10:05	0.00	0.21	0.00028	
7/28/07 10:10	0.00	0.21	0.00028	
7/28/07 10:15	0.00	0.21	0.00028	
7/28/07 10:20	0.00	0.21	0.00028	
7/28/07 10:25	0.00	0.21	0.00028	
7/28/07 10:30	0.00	0.21	0.00028	
7/28/07 10:35	0.00	0.21	0.00028	
7/28/07 10:40	0.00	0.21	0.00028	
7/28/07 10:45	0.00	0.21	0.00028	
7/28/07 10:50	0.00	0.21	0.00028	
7/28/07 10:55	0.00	0.21	0.00028	
7/28/07 11:00	0.00	0.21	0.00028	
7/28/07 11:05	0.00	0.21	0.00028	
7/28/07 11:10	0.00	0.21	0.00028	
7/28/07 11:15	0.00	0.21	0.00028	
7/28/07 11:20	0.00	0.21	0.00028	
7/28/07 11:25	0.00	0.21	0.00028	
7/28/07 11:30	0.00	0.21	0.00028	
7/28/07 11:35	0.00	0.21	0.00028	
7/28/07 11:40	0.00	0.21	0.00028	
7/28/07 11:45	0.00	0.21	0.00028	
7/28/07 11:50	0.00	0.21	0.00028	
7/28/07 11:55	0.00	0.21	0.00028	
7/28/07 12:00	0.00	0.21	0.00028	
7/28/07 12:05	0.00	0.21	0.00028	

7/28/07 12:10	0.00	0.21	0.00028
7/28/07 12:15	0.00	0.21	0.00028
7/28/07 12:20	0.00	0.21	0.00028
7/28/07 12:25	0.00	0.21	0.00028
7/28/07 12:30	0.00	0.21	0.00028
7/28/07 12:35	0.00	0.21	0.00028
7/28/07 12:40	0.00	0.21	0.00028
7/28/07 12:45	0.00	0.21	0.00028
7/28/07 12:50	0.00	0.21	0.00028
7/28/07 12:55	0.00	0.21	0.00028
7/28/07 13:00	0.00	0.21	0.00028
7/28/07 13:05	0.00	0.21	0.00028
7/28/07 13:10	0.00	0.21	0.00028
7/28/07 13:15	0.00	0.21	0.00028
7/28/07 13:20	0.00	0.21	0.00028
7/28/07 13:25	0.00	0.21	0.00028
7/28/07 13:30	0.00	0.21	0.00028
7/28/07 13:35	0.00	0.21	0.00028
7/28/07 13:40	0.00	0.21	0.00028
7/28/07 13:45	0.00	0.21	0.00028
7/28/07 13:50	0.00	0.21	0.00028
7/28/07 13:55	0.00	0.21	0.00028
7/28/07 14:00	0.00	0.21	0.00028
7/28/07 14:05	0.00	0.21	0.00028
7/28/07 14:10	0.00	0.21	0.00028
7/28/07 14:15	0.00	0.21	0.00028
7/28/07 14:20	0.00	0.21	0.00028
7/28/07 14:25	0.00	0.21	0.00028
7/28/07 14:30	0.00	0.21	0.00028
7/28/07 14:35	0.00	0.21	0.00028
7/28/07 14:40	0.00	0.21	0.00028
7/28/07 14:45	0.00	0.21	0.00028
7/28/07 14:50	0.00	0.21	0.00028
7/28/07 14:55	0.00	0.21	0.00028
7/28/07 15:00	0.00	0.21	0.00028
7/28/07 15:05	0.00	0.21	0.00028
7/28/07 15:10	0.00	0.21	0.00028
7/28/07 15:15	0.00	0.21	0.00028
7/28/07 15:20	0.00	0.21	0.00028
7/28/07 15:25	0.00	0.21	0.00028
7/28/07 15:30	0.00	0.21	0.00028
7/28/07 15:35	0.00	0.21	0.00028
7/28/07 15:40	0.00	0.21	0.00028
7/28/07 15:45	0.00	0.21	0.00028
7/28/07 15:50	0.00	0.21	0.00028
7/28/07 15:55	0.00	0.21	0.00028
7/28/07 16:00	0.00	0.21	0.00028
7/28/07 16:05	0.00	0.21	0.00028
7/28/07 16:10	0.00	0.21	0.00028
7/28/07 16:15	0.00	0.21	0.00028

7/28/07 16:20	0.00	0.21	0.00028
7/28/07 16:25	0.00	0.21	0.00028
7/28/07 16:30	0.00	0.21	0.00028
7/28/07 16:35	0.00	0.21	0.00028
7/28/07 16:40	0.00	0.21	0.00028
7/28/07 16:45	0.00	0.21	0.00028
7/28/07 16:50	0.00	0.21	0.00028
7/28/07 16:55	0.00	0.21	0.00028
7/28/07 17:00	0.00	0.21	0.00028
7/28/07 17:05	0.00	0.21	0.00028
7/28/07 17:10	0.00	0.21	0.00028
7/28/07 17:15	0.00	0.21	0.00028
7/28/07 17:20	0.00	0.21	0.00028
7/28/07 17:25	0.00	0.21	0.00028
7/28/07 17:30	0.00	0.21	0.00028
7/28/07 17:35	0.00	0.21	0.00028
7/28/07 17:40	0.00	0.21	0.00028
7/28/07 17:45	0.00	0.21	0.00028
7/28/07 17:50	0.00	0.21	0.00028
7/28/07 17:55	0.00	0.21	0.00028
7/28/07 18:00	0.00	0.21	0.00028
7/28/07 18:05	0.00	0.21	0.00028
7/28/07 18:10	0.00	0.21	0.00028
7/28/07 18:15	0.00	0.21	0.00028
7/28/07 18:20	0.00	0.21	0.00028
7/28/07 18:25	0.00	0.21	0.00028
7/28/07 18:30	0.00	0.21	0.00028
7/28/07 18:35	0.00	0.21	0.00028
7/28/07 18:40	0.00	0.21	0.00028
7/28/07 18:45	0.00	0.21	0.00028
7/28/07 18:50	0.00	0.21	0.00028
7/28/07 18:55	0.00	0.21	0.00028
7/28/07 19:00	0.00	0.21	0.00028
7/28/07 19:05	0.00	0.21	0.00028
7/28/07 19:10	0.00	0.21	0.00028
7/28/07 19:15	0.00	0.21	0.00028
7/28/07 19:20	0.00	0.21	0.00028
7/28/07 19:25	0.00	0.21	0.00028
7/28/07 19:30	0.00	0.21	0.00028
7/28/07 19:35	0.00	0.21	0.00028
7/28/07 19:40	0.00	0.21	0.00028
7/28/07 19:45	0.00	0.21	0.00028
7/28/07 19:50	0.00	0.21	0.00028
7/28/07 19:55	0.00	0.21	0.00028
7/28/07 20:00	0.00	0.21	0.00028
7/28/07 20:05	0.00	0.21	0.00028
7/28/07 20:10	0.00	0.21	0.00028
7/28/07 20:15	0.02	0.21	0.00028
7/28/07 20:20	0.06	0.21	0.00028
7/28/07 20:25	0.21	0.21	0.00028

7/28/07 20:30	0.19	0.21	0.00028
7/28/07 20:35	0.14	0.21	0.00028
7/28/07 20:40	0.03	0.21	0.00028
7/28/07 20:45	0.00	0.21	0.00028
7/28/07 20:50	0.00	0.21	0.00028
7/28/07 20:55	0.01	0.21	0.00028
7/28/07 21:00	0.00	0.21	0.00028
7/28/07 21:05	0.00	0.21	0.00028
7/28/07 21:10	0.00	0.21	0.00028
7/28/07 21:15	0.00	0.21	0.00028
7/28/07 21:20	0.00	0.21	0.00028
7/28/07 21:25	0.01	0.21	0.00028
7/28/07 21:30	0.00	0.21	0.00028
7/28/07 21:35	0.00	0.21	0.00028
7/28/07 21:40	0.00	0.61	0.00081
7/28/07 21:45	0.00	1.49	0.00199
7/28/07 21:50	0.00	1.59	0.00212
7/28/07 21:55	0.00	1.59	0.00212
7/28/07 22:00	0.00	1.59	0.00212
7/28/07 22:05	0.00	1.59	0.00212
7/28/07 22:10	0.00	1.59	0.00212
7/28/07 22:15	0.00	1.59	0.00212
7/28/07 22:20	0.00	1.49	0.00199
7/28/07 22:25	0.00	1.39	0.00186
7/28/07 22:30	0.01	1.30	0.00174
7/28/07 22:35	0.00	1.21	0.00162
7/28/07 22:40	0.00	1.21	0.00162
7/28/07 22:45	0.00	1.13	0.00151
7/28/07 22:50	0.00	1.13	0.00151
7/28/07 22:55	0.00	1.13	0.00151
7/28/07 23:00	0.01	1.05	0.00140
7/28/07 23:05	0.01	1.13	0.00151
7/28/07 23:10	0.01	1.13	0.00151
7/28/07 23:15	0.01	1.13	0.00151
7/28/07 23:20	0.00	1.13	0.00151
7/28/07 23:25	0.01	1.39	0.00186
7/28/07 23:30	0.01	1.69	0.00226
7/28/07 23:35	0.00	1.80	0.00240
7/28/07 23:40	0.00	1.80	0.00240
7/28/07 23:45	0.00	1.69	0.00226
7/28/07 23:50	0.01	1.69	0.00226
7/28/07 23:55	0.00	1.59	0.00212

Total Rainfall	0.75		0.00044				0.00055
	Daily Mean Dis.		0.00522				0.00221
			0.00240				0.00058
	Inst. Peak Dis.		0.02885				0.00233
	Ratio		5.52				1.05

**08/25/2007**

Date	Rainfall (inches)	Sopers Gage	Sopers_Adj.	Date	Time	LSLS104	LSLS104Adj
8/25/07 0:00	0.00	0.39	0.00052	20070825	0	0.28	0.00102
8/25/07 0:05	0.00	0.39	0.00052	20070825	1500	0.28	0.00102
8/25/07 0:10	0.00	0.39	0.00052	20070825	3000	0.28	0.00102
8/25/07 0:15	0.00	0.39	0.00052	20070825	4500	0.28	0.00102
8/25/07 0:20	0.00	0.39	0.00052	20070825	10000	0.28	0.00102
8/25/07 0:25	0.00	0.39	0.00052	20070825	11500	0.28	0.00102
8/25/07 0:30	0.00	0.39	0.00052	20070825	13000	0.28	0.00102
8/25/07 0:35	0.00	0.39	0.00052	20070825	14500	0.28	0.00102
8/25/07 0:40	0.00	0.39	0.00052	20070825	20000	0.28	0.00102
8/25/07 0:45	0.00	0.39	0.00052	20070825	21500	0.28	0.00102
8/25/07 0:50	0.00	0.39	0.00052	20070825	23000	0.28	0.00102
8/25/07 0:55	0.00	0.39	0.00052	20070825	24500	0.28	0.00102
8/25/07 1:00	0.00	0.39	0.00052	20070825	30000	0.28	0.00102
8/25/07 1:05	0.00	0.39	0.00052	20070825	31500	0.28	0.00102
8/25/07 1:10	0.00	0.39	0.00052	20070825	33000	0.28	0.00102
8/25/07 1:15	0.00	0.39	0.00052	20070825	34500	0.28	0.00102
8/25/07 1:20	0.00	0.39	0.00052	20070825	40000	0.28	0.00102
8/25/07 1:25	0.00	0.39	0.00052	20070825	41500	0.28	0.00102
8/25/07 1:30	0.00	0.39	0.00052	20070825	43000	0.28	0.00102
8/25/07 1:35	0.00	0.39	0.00052	20070825	44500	0.28	0.00102
8/25/07 1:40	0.00	0.39	0.00052	20070825	50000	0.28	0.00102
8/25/07 1:45	0.00	0.39	0.00052	20070825	51500	0.28	0.00102
8/25/07 1:50	0.00	0.39	0.00052	20070825	53000	0.28	0.00102
8/25/07 1:55	0.00	0.39	0.00052	20070825	54500	0.28	0.00102
8/25/07 2:00	0.00	0.39	0.00052	20070825	60000	0.28	0.00102
8/25/07 2:05	0.00	0.39	0.00052	20070825	61500	0.28	0.00102
8/25/07 2:10	0.00	0.39	0.00052	20070825	63000	0.28	0.00102
8/25/07 2:15	0.00	0.39	0.00052	20070825	64500	0.28	0.00102
8/25/07 2:20	0.00	0.39	0.00052	20070825	70000	0.28	0.00102
8/25/07 2:25	0.00	0.39	0.00052	20070825	71500	0.28	0.00102
8/25/07 2:30	0.00	0.39	0.00052	20070825	73000	0.28	0.00102
8/25/07 2:35	0.00	0.39	0.00052	20070825	74500	0.28	0.00102
8/25/07 2:40	0.00	0.39	0.00052	20070825	80000	0.28	0.00102
8/25/07 2:45	0.00	0.39	0.00052	20070825	81500	0.28	0.00102
8/25/07 2:50	0.00	0.39	0.00052	20070825	83000	0.28	0.00102
8/25/07 2:55	0.00	0.39	0.00052	20070825	84500	0.28	0.00102
8/25/07 3:00	0.00	0.39	0.00052	20070825	90000	0.28	0.00102
8/25/07 3:05	0.00	0.39	0.00052	20070825	91500	0.28	0.00102
8/25/07 3:10	0.00	0.39	0.00052	20070825	93000	0.28	0.00102
8/25/07 3:15	0.00	0.39	0.00052	20070825	94500	0.28	0.00102
8/25/07 3:20	0.00	0.39	0.00052	20070825	100000	0.28	0.00102
8/25/07 3:25	0.00	0.39	0.00052	20070825	101500	0.28	0.00102
8/25/07 3:30	0.00	0.39	0.00052	20070825	103000	0.28	0.00102
8/25/07 3:35	0.00	0.39	0.00052	20070825	104500	0.28	0.00102
8/25/07 3:40	0.00	0.39	0.00052	20070825	110000	0.28	0.00102
8/25/07 3:45	0.00	0.39	0.00052	20070825	111500	0.28	0.00102
8/25/07 3:50	0.00	0.39	0.00052	20070825	113000	0.24	0.00087
8/25/07 3:55	0.00	0.39	0.00052	20070825	114500	0.24	0.00087

Technical Appendix Section 4

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8/25/07 4:00	0.00	0.39	0.00052	20070825	120000	0.24	0.00087
8/25/07 4:05	0.00	0.39	0.00052	20070825	121500	0.24	0.00087
8/25/07 4:10	0.00	0.39	0.00052	20070825	123000	0.24	0.00087
8/25/07 4:15	0.00	0.39	0.00052	20070825	124500	0.24	0.00087
8/25/07 4:20	0.00	0.39	0.00052	20070825	130000	0.24	0.00087
8/25/07 4:25	0.00	0.39	0.00052	20070825	131500	0.24	0.00087
8/25/07 4:30	0.00	0.39	0.00052	20070825	133000	0.24	0.00087
8/25/07 4:35	0.00	0.39	0.00052	20070825	134500	0.24	0.00087
8/25/07 4:40	0.00	0.39	0.00052	20070825	140000	0.24	0.00087
8/25/07 4:45	0.00	0.39	0.00052	20070825	141500	0.24	0.00087
8/25/07 4:50	0.00	0.39	0.00052	20070825	143000	0.24	0.00087
8/25/07 4:55	0.00	0.39	0.00052	20070825	144500	0.24	0.00087
8/25/07 5:00	0.00	0.39	0.00052	20070825	150000	0.24	0.00087
8/25/07 5:05	0.00	0.39	0.00052	20070825	151500	0.24	0.00087
8/25/07 5:10	0.00	0.39	0.00052	20070825	153000	0.24	0.00087
8/25/07 5:15	0.00	0.39	0.00052	20070825	154500	0.24	0.00087
8/25/07 5:20	0.00	0.39	0.00052	20070825	160000	0.24	0.00087
8/25/07 5:25	0.00	0.39	0.00052	20070825	161500	0.24	0.00087
8/25/07 5:30	0.00	0.39	0.00052	20070825	163000	0.24	0.00087
8/25/07 5:35	0.00	0.39	0.00052	20070825	164500	0.24	0.00087
8/25/07 5:40	0.00	0.39	0.00052	20070825	170000	2.30	0.00836
8/25/07 5:45	0.00	0.39	0.00052	20070825	194500	5.40	0.01962
8/25/07 5:50	0.00	0.39	0.00052	20070825	200000	4.90	0.01781
8/25/07 5:55	0.00	0.39	0.00052	20070825	201500	4.20	0.01526
8/25/07 6:00	0.00	0.39	0.00052	20070825	203000	3.70	0.01344
8/25/07 6:05	0.00	0.39	0.00052	20070825	204500	3.50	0.01272
8/25/07 6:10	0.00	0.39	0.00052	20070825	210000	3.20	0.01163
8/25/07 6:15	0.00	0.39	0.00052	20070825	211500	2.90	0.01054
8/25/07 6:20	0.00	0.39	0.00052	20070825	213000	2.80	0.01017
8/25/07 6:25	0.00	0.39	0.00052	20070825	214500	2.60	0.00945
8/25/07 6:30	0.00	0.39	0.00052	20070825	220000	2.50	0.00908
8/25/07 6:35	0.00	0.39	0.00052	20070825	221500	2.30	0.00836
8/25/07 6:40	0.00	0.39	0.00052	20070825	223000	2.20	0.00799
8/25/07 6:45	0.00	0.39	0.00052	20070825	224500	2.00	0.00727
8/25/07 6:50	0.00	0.39	0.00052	20070825	230000	1.80	0.00654
8/25/07 6:55	0.00	0.39	0.00052	20070825	231500	1.80	0.00654
8/25/07 7:00	0.00	0.39	0.00052	20070825	233000	1.80	0.00654
8/25/07 7:05	0.00	0.39	0.00052	20070825	234500	1.70	0.00618
8/25/07 7:10	0.00	0.39	0.00052				0.00295
8/25/07 7:15	0.00	0.39	0.00052				0.01962
8/25/07 7:20	0.00	0.39	0.00052				
8/25/07 7:25	0.00	0.39	0.00052				
8/25/07 7:30	0.00	0.39	0.00052				
8/25/07 7:35	0.00	0.39	0.00052				
8/25/07 7:40	0.00	0.39	0.00052				
8/25/07 7:45	0.00	0.39	0.00052				
8/25/07 7:50	0.00	0.39	0.00052				
8/25/07 7:55	0.00	0.39	0.00052				
8/25/07 8:00	0.00	0.39	0.00052				
8/25/07 8:05	0.00	0.39	0.00052				
8/25/07 8:10	0.00	0.39	0.00052				
8/25/07 8:15	0.00	0.39	0.00052				

8/25/07 8:20	0.00	0.39	0.00052
8/25/07 8:25	0.00	0.39	0.00052
8/25/07 8:30	0.00	0.39	0.00052
8/25/07 8:35	0.00	0.39	0.00052
8/25/07 8:40	0.00	0.39	0.00052
8/25/07 8:45	0.00	0.39	0.00052
8/25/07 8:50	0.00	0.39	0.00052
8/25/07 8:55	0.00	0.39	0.00052
8/25/07 9:00	0.00	0.39	0.00052
8/25/07 9:05	0.00	0.39	0.00052
8/25/07 9:10	0.00	0.39	0.00052
8/25/07 9:15	0.00	0.39	0.00052
8/25/07 9:20	0.00	0.39	0.00052
8/25/07 9:25	0.00	0.39	0.00052
8/25/07 9:30	0.00	0.39	0.00052
8/25/07 9:35	0.00	0.39	0.00052
8/25/07 9:40	0.00	0.39	0.00052
8/25/07 9:45	0.00	0.39	0.00052
8/25/07 9:50	0.00	0.39	0.00052
8/25/07 9:55	0.00	0.39	0.00052
8/25/07 10:00	0.00	0.39	0.00052
8/25/07 10:05	0.00	0.39	0.00052
8/25/07 10:10	0.00	0.39	0.00052
8/25/07 10:15	0.00	0.39	0.00052
8/25/07 10:20	0.00	0.39	0.00052
8/25/07 10:25	0.00	0.39	0.00052
8/25/07 10:30	0.00	0.39	0.00052
8/25/07 10:35	0.00	0.39	0.00052
8/25/07 10:40	0.00	0.39	0.00052
8/25/07 10:45	0.00	0.39	0.00052
8/25/07 10:50	0.00	0.39	0.00052
8/25/07 10:55	0.00	0.39	0.00052
8/25/07 11:00	0.00	0.39	0.00052
8/25/07 11:05	0.00	0.39	0.00052
8/25/07 11:10	0.00	0.39	0.00052
8/25/07 11:15	0.00	0.39	0.00052
8/25/07 11:20	0.00	0.39	0.00052
8/25/07 11:25	0.00	0.39	0.00052
8/25/07 11:30	0.00	0.39	0.00052
8/25/07 11:35	0.00	0.39	0.00052
8/25/07 11:40	0.00	0.39	0.00052
8/25/07 11:45	0.00	0.39	0.00052
8/25/07 11:50	0.00	0.39	0.00052
8/25/07 11:55	0.00	0.39	0.00052
8/25/07 12:00	0.00	0.39	0.00052
8/25/07 12:05	0.00	0.39	0.00052
8/25/07 12:10	0.00	0.39	0.00052
8/25/07 12:15	0.00	0.39	0.00052
8/25/07 12:20	0.00	0.39	0.00052
8/25/07 12:25	0.00	0.39	0.00052
8/25/07 12:30	0.00	0.39	0.00052
8/25/07 12:35	0.00	0.39	0.00052

8/25/07 12:40	0.00	0.39	0.00052
8/25/07 12:45	0.00	0.39	0.00052
8/25/07 12:50	0.00	0.39	0.00052
8/25/07 12:55	0.00	0.39	0.00052
8/25/07 13:00	0.00	0.39	0.00052
8/25/07 13:05	0.00	0.39	0.00052
8/25/07 13:10	0.00	0.39	0.00052
8/25/07 13:15	0.00	0.39	0.00052
8/25/07 13:20	0.00	0.39	0.00052
8/25/07 13:25	0.00	0.39	0.00052
8/25/07 13:30	0.00	0.39	0.00052
8/25/07 13:35	0.00	0.39	0.00052
8/25/07 13:40	0.00	0.39	0.00052
8/25/07 13:45	0.00	0.39	0.00052
8/25/07 13:50	0.00	0.39	0.00052
8/25/07 13:55	0.00	0.39	0.00052
8/25/07 14:00	0.00	0.39	0.00052
8/25/07 14:05	0.00	0.39	0.00052
8/25/07 14:10	0.00	0.39	0.00052
8/25/07 14:15	0.00	0.39	0.00052
8/25/07 14:20	0.00	0.39	0.00052
8/25/07 14:25	0.00	0.39	0.00052
8/25/07 14:30	0.00	0.39	0.00052
8/25/07 14:35	0.00	0.39	0.00052
8/25/07 14:40	0.00	0.39	0.00052
8/25/07 14:45	0.00	0.39	0.00052
8/25/07 14:50	0.00	0.39	0.00052
8/25/07 14:55	0.00	0.39	0.00052
8/25/07 15:00	0.00	0.39	0.00052
8/25/07 15:05	0.00	0.39	0.00052
8/25/07 15:10	0.00	0.39	0.00052
8/25/07 15:15	0.00	0.39	0.00052
8/25/07 15:20	0.00	0.39	0.00052
8/25/07 15:25	0.00	0.39	0.00052
8/25/07 15:30	0.00	0.39	0.00052
8/25/07 15:35	0.00	0.39	0.00052
8/25/07 15:40	0.14	0.39	0.00052
8/25/07 15:45	0.44	0.39	0.00052
8/25/07 15:50	0.50	0.39	0.00052
8/25/07 15:55	0.22	0.39	0.00052
8/25/07 16:00	0.16	0.39	0.00052
8/25/07 16:05	0.09	0.39	0.00052
8/25/07 16:10	0.03	0.39	0.00052
8/25/07 16:15	0.01	0.39	0.00052
8/25/07 16:20	0.01	0.39	0.00052
8/25/07 16:25	0.00	0.39	0.00052
8/25/07 16:30	0.00	0.39	0.00052
8/25/07 16:35	0.00	0.39	0.00052
8/25/07 16:40	0.00	0.39	0.00052
8/25/07 16:45	0.00	0.53	0.00070
8/25/07 16:50	0.01	1.39	0.00186
8/25/07 16:55	0.00	3.22	0.00429

8/25/07 17:00	0.01	4.13	0.00551
8/25/07 17:05	0.00	5.90	0.00787
8/25/07 17:10	0.00	6.66	0.00890
8/25/07 17:15	0.00	5.65	0.00755
8/25/07 17:20	0.00	4.96	0.00663
8/25/07 17:25	0.00	4.33	0.00578
8/25/07 17:30	0.00	3.93	0.00525
8/25/07 17:35	0.00	3.39	0.00452
8/25/07 17:40	0.00	3.05	0.00407
8/25/07 17:45	0.00	2.89	0.00386
8/25/07 17:50	0.00	2.89	0.00386
8/25/07 17:55	0.00	2.89	0.00386
8/25/07 18:00	0.00	2.89	0.00386
8/25/07 18:05	0.00	4.74	0.00633
8/25/07 18:10	0.00	10.72	0.01431
8/25/07 18:15	0.00	17.01	0.02271
8/25/07 18:20	0.00	17.49	0.02336
8/25/07 18:25	0.00	17.01	0.02271
8/25/07 18:30	0.00	15.15	0.02023
8/25/07 18:35	0.00	14.27	0.01906
8/25/07 18:40	0.00	13.02	0.01738
8/25/07 18:45	0.00	12.22	0.01632
8/25/07 18:50	0.00	11.08	0.01480
8/25/07 18:55	0.00	10.36	0.01384
8/25/07 19:00	0.00	9.34	0.01247
8/25/07 19:05	0.00	8.39	0.01120
8/25/07 19:10	0.00	7.78	0.01039
8/25/07 19:15	0.00	6.93	0.00926
8/25/07 19:20	0.00	6.40	0.00855
8/25/07 19:25	0.00	5.90	0.00787
8/25/07 19:30	0.00	5.42	0.00723
8/25/07 19:35	0.00	4.96	0.00663
8/25/07 19:40	0.00	4.74	0.00633
8/25/07 19:45	0.00	4.33	0.00578
8/25/07 19:50	0.00	4.13	0.00551
8/25/07 19:55	0.00	3.93	0.00525
8/25/07 20:00	0.02	3.56	0.00476
8/25/07 20:05	0.00	3.39	0.00452
8/25/07 20:10	0.00	3.22	0.00429
8/25/07 20:15	0.00	3.05	0.00407
8/25/07 20:20	0.00	3.05	0.00407
8/25/07 20:25	0.00	2.89	0.00386
8/25/07 20:30	0.00	2.74	0.00365
8/25/07 20:35	0.00	2.59	0.00345
8/25/07 20:40	0.00	2.59	0.00345
8/25/07 20:45	0.00	2.44	0.00326
8/25/07 20:50	0.00	2.30	0.00308
8/25/07 20:55	0.00	2.30	0.00308
8/25/07 21:00	0.00	2.17	0.00290
8/25/07 21:05	0.02	2.04	0.00273
8/25/07 21:10	0.02	2.04	0.00273
8/25/07 21:15	0.00	1.92	0.00256

8/25/07 21:20	0.00	1.92	0.00256
8/25/07 21:25	0.00	1.92	0.00256
8/25/07 21:30	0.00	1.80	0.00240
8/25/07 21:35	0.00	1.80	0.00240
8/25/07 21:40	0.01	1.80	0.00240
8/25/07 21:45	0.00	1.69	0.00226
8/25/07 21:50	0.00	1.69	0.00226
8/25/07 21:55	0.01	1.59	0.00212
8/25/07 22:00	0.00	1.59	0.00212
8/25/07 22:05	0.00	1.59	0.00212
8/25/07 22:10	0.00	1.59	0.00212
8/25/07 22:15	0.00	1.49	0.00199
8/25/07 22:20	0.00	1.49	0.00199
8/25/07 22:25	0.00	1.49	0.00199
8/25/07 22:30	0.00	1.49	0.00199
8/25/07 22:35	0.00	1.39	0.00186
8/25/07 22:40	0.00	1.39	0.00186
8/25/07 22:45	0.00	1.39	0.00186
8/25/07 22:50	0.00	1.39	0.00186
8/25/07 22:55	0.00	1.39	0.00186
8/25/07 23:00	0.00	1.39	0.00186
8/25/07 23:05	0.00	1.30	0.00174
8/25/07 23:10	0.00	1.30	0.00174
8/25/07 23:15	0.00	1.30	0.00174
8/25/07 23:20	0.00	1.30	0.00174
8/25/07 23:25	0.00	1.30	0.00174
8/25/07 23:30	0.00	1.30	0.00174
8/25/07 23:35	0.00	1.30	0.00174
8/25/07 23:40	0.00	1.30	0.00174
8/25/07 23:45	0.00	1.21	0.00162
8/25/07 23:50	0.00	1.21	0.00162
8/25/07 23:55	0.00	1.21	0.00162

Total Rainfall	1.70		0.00205				0.00295
		Daily Mean Dis.	0.02458				0.01179
			0.02336				0.01962
		Inst. Peak Dis.	0.28031				0.07849
		Ratio	11.41				6.66

### TA-4.3 Changes in Stream Morphology

#### TA-4.3.1 Study Design and Collection

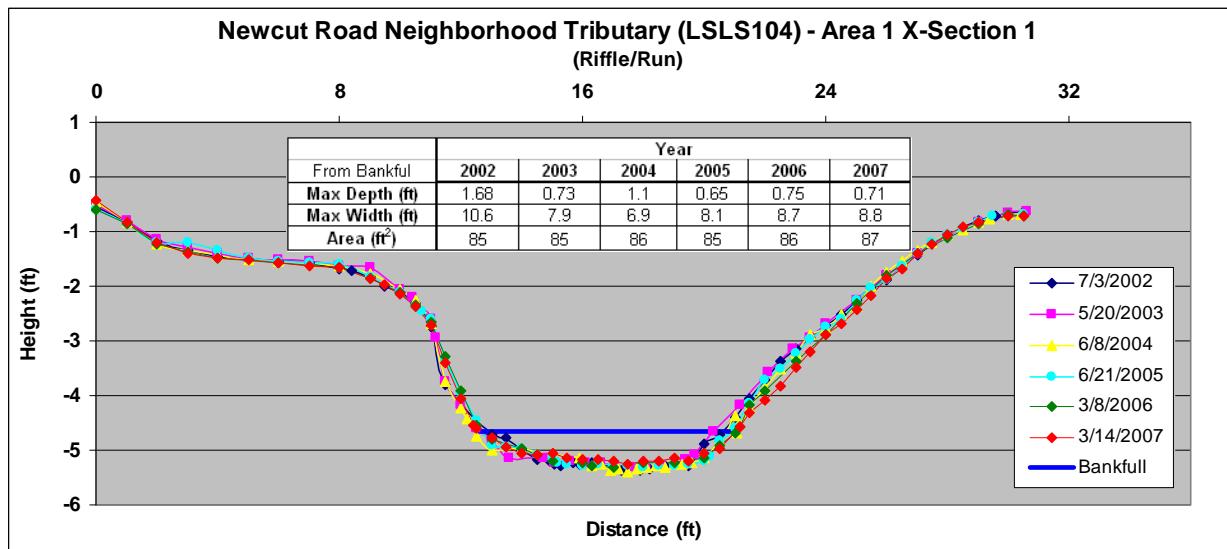
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#### TA-4.3.2 Data Analysis and Interpretation

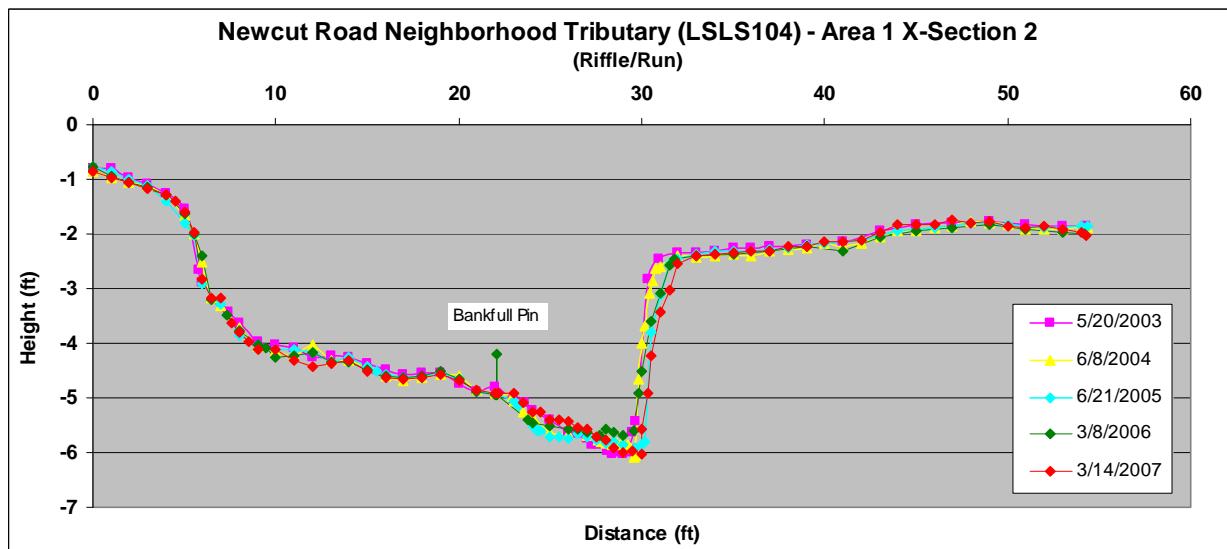
##### Newcut Road Neighborhood Tributary (LSLS104) Cross Sections

###### Area 1

###### Cross Section 1

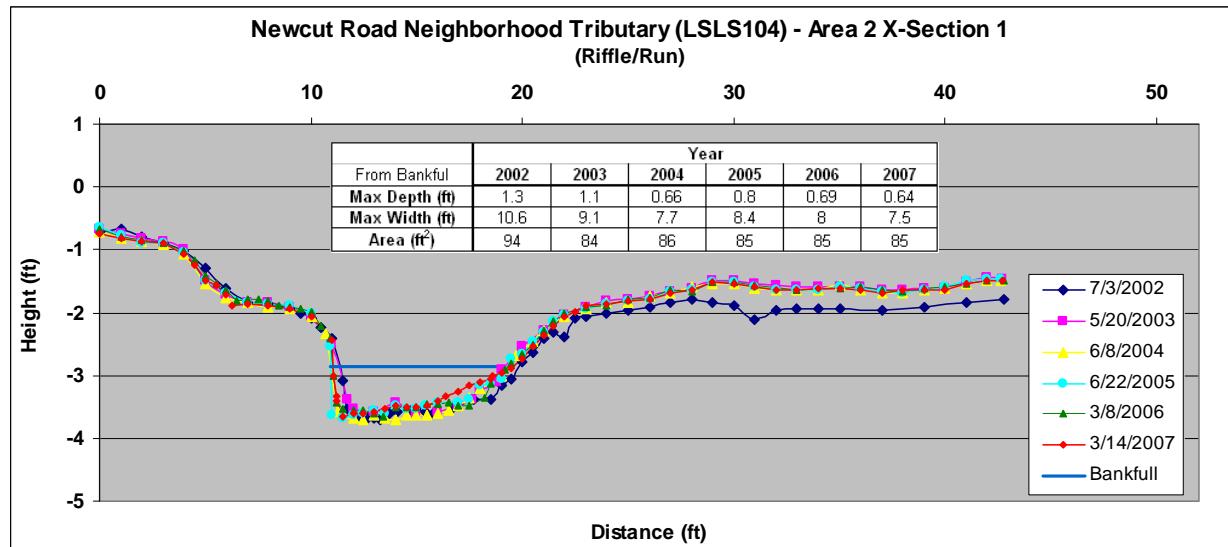


###### Cross Section 2

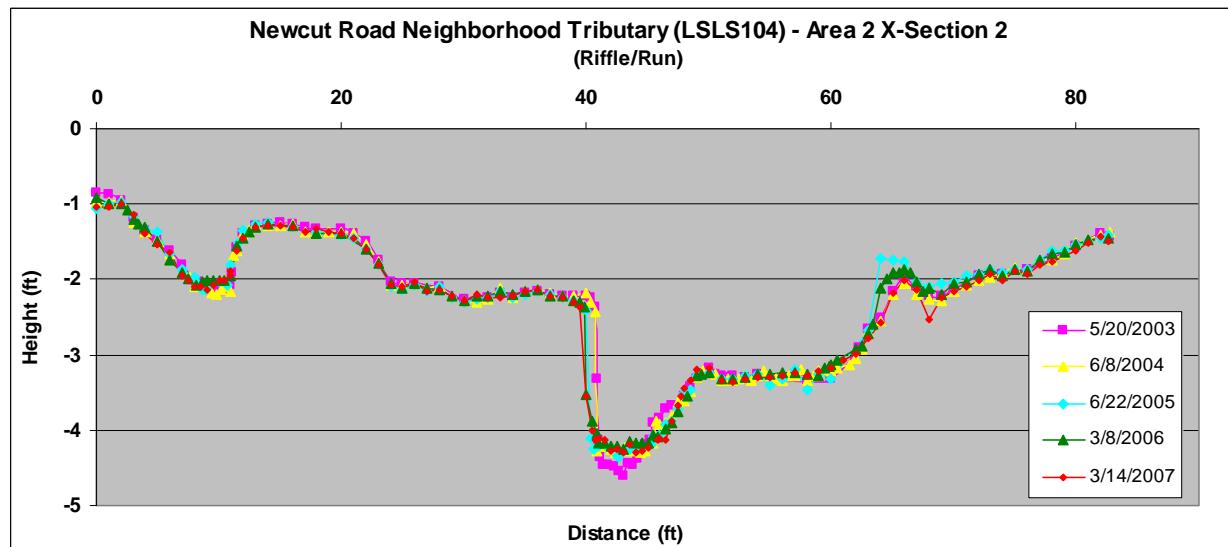


**Area 2**

## Cross Section 1

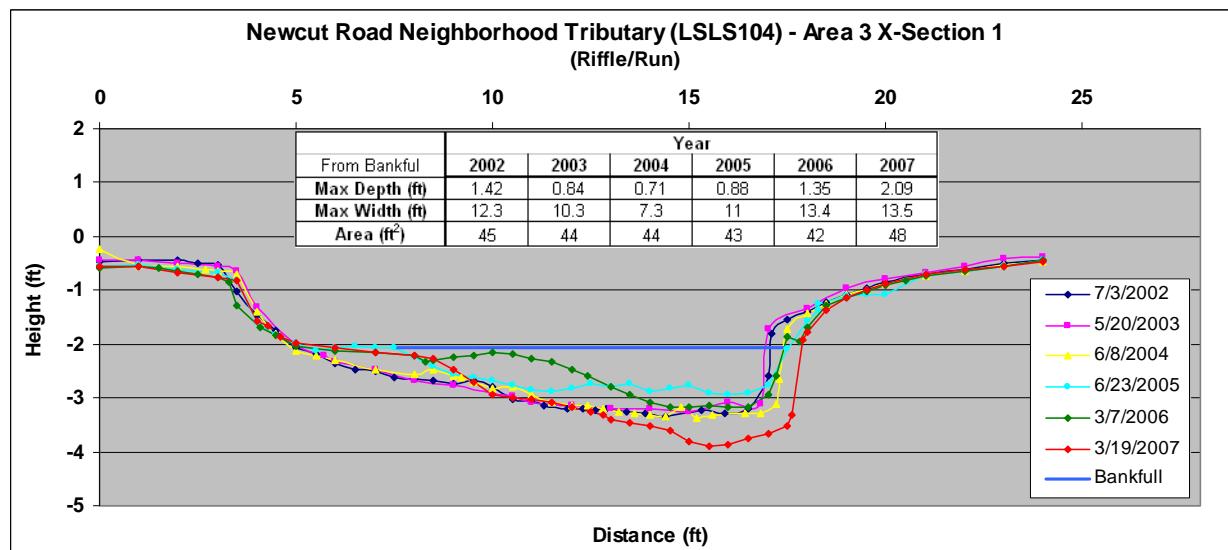


## Cross Section 2

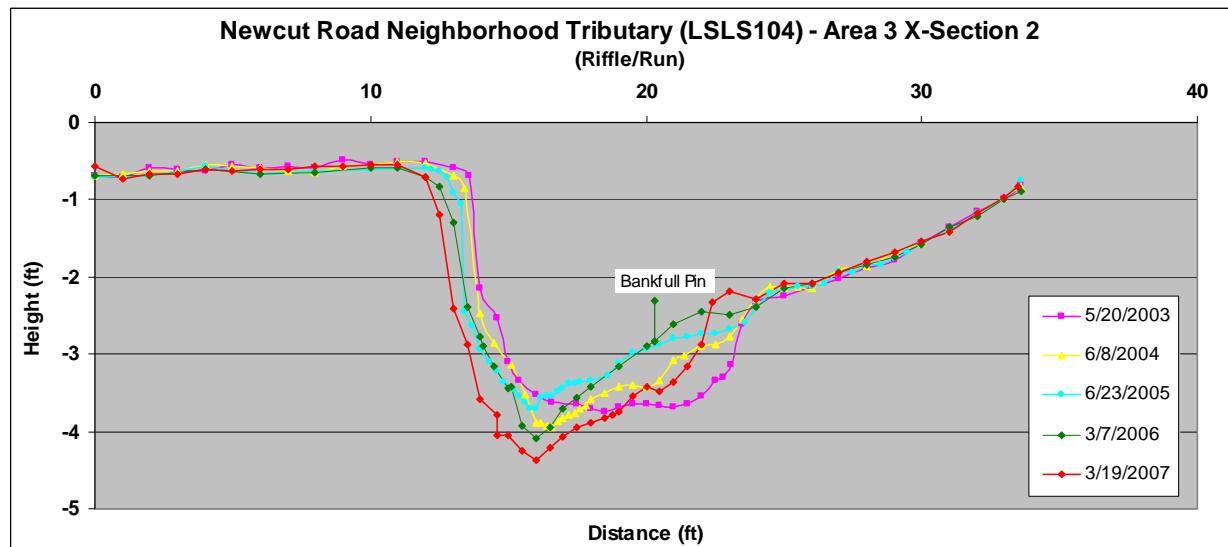


**Area 3**

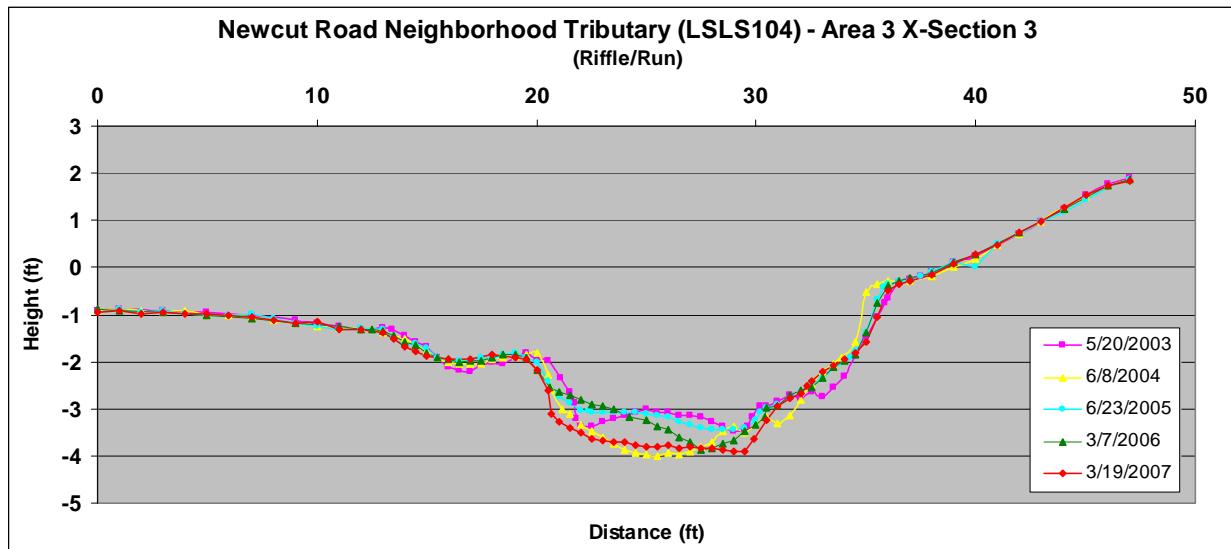
## Cross Section 1



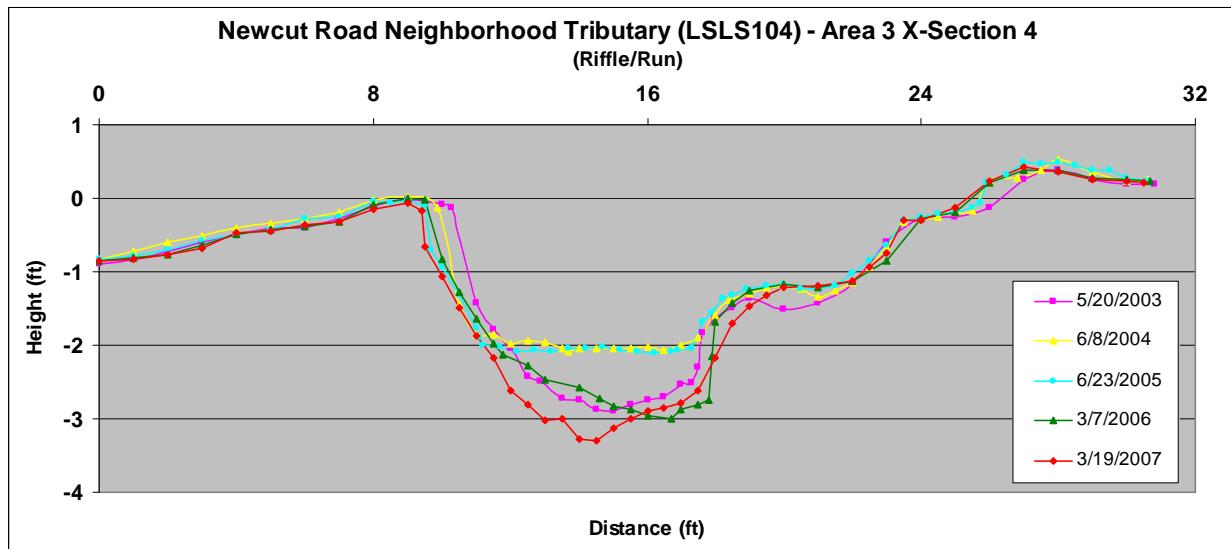
## Cross Section 2



Cross Section 3

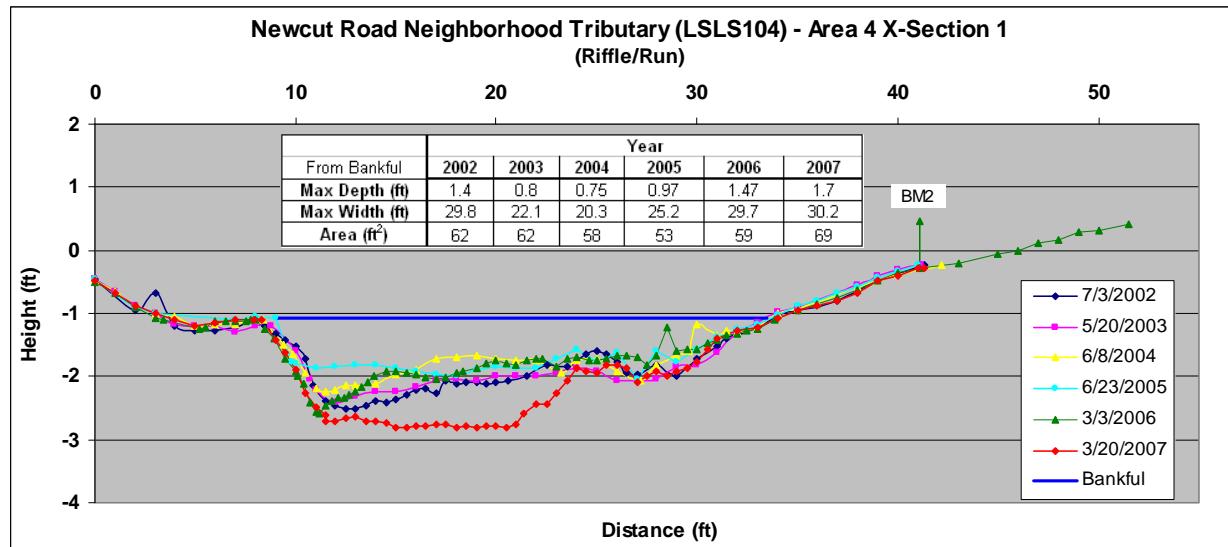


Cross Section 4

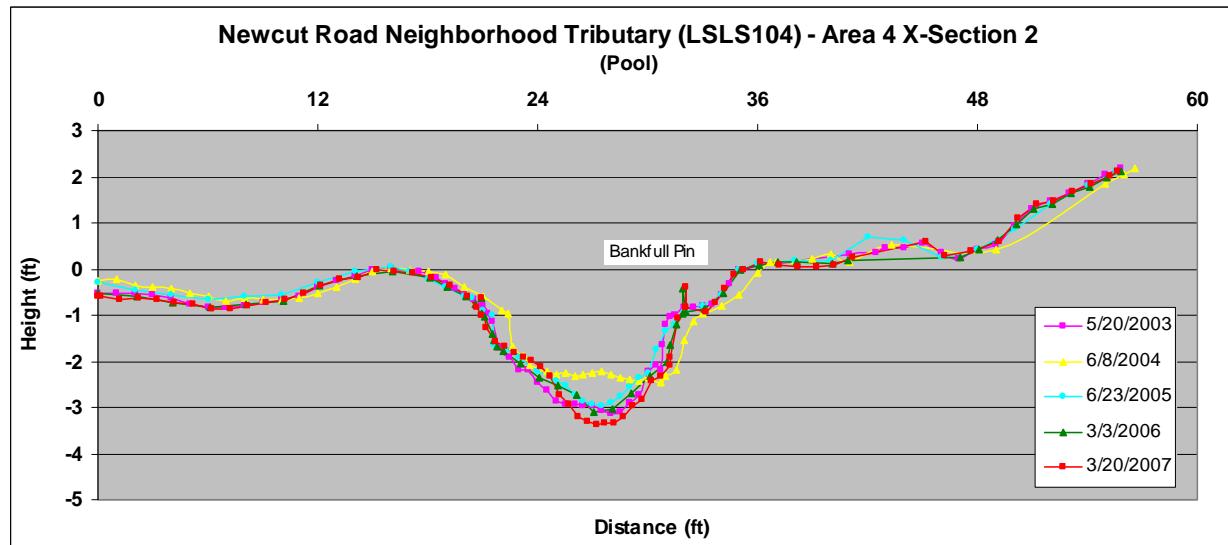


**Area 4**

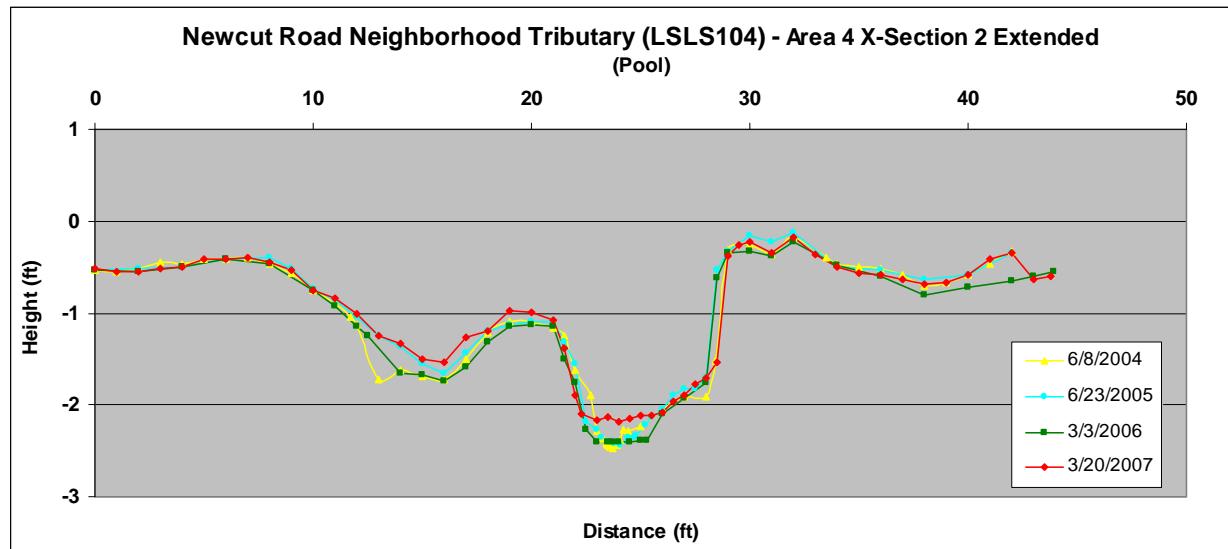
## Cross Section 1



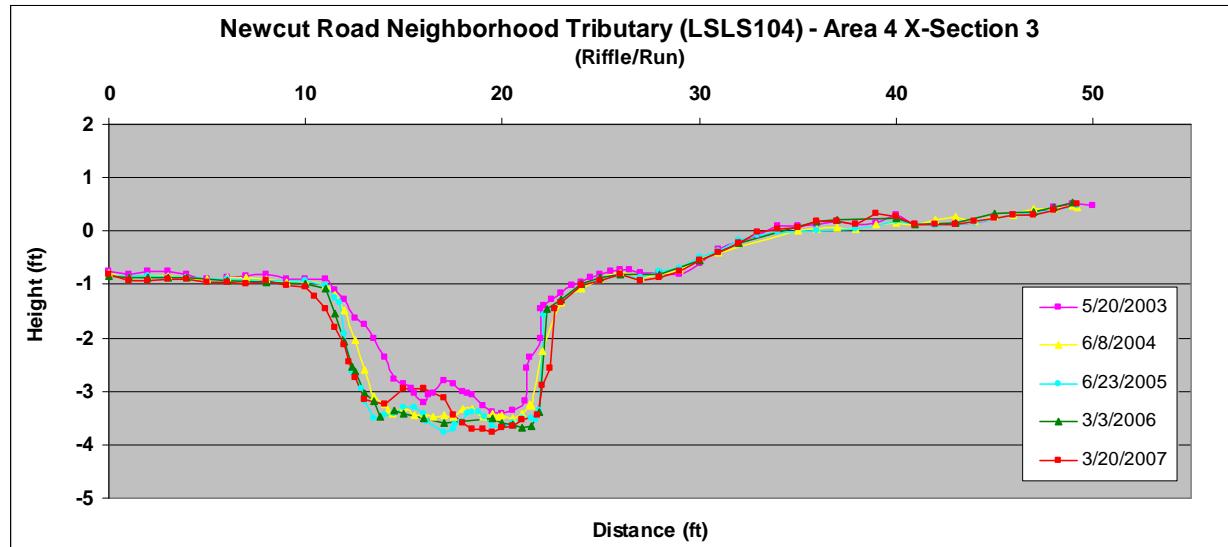
## Cross Section 2



Cross Section 2 Extended



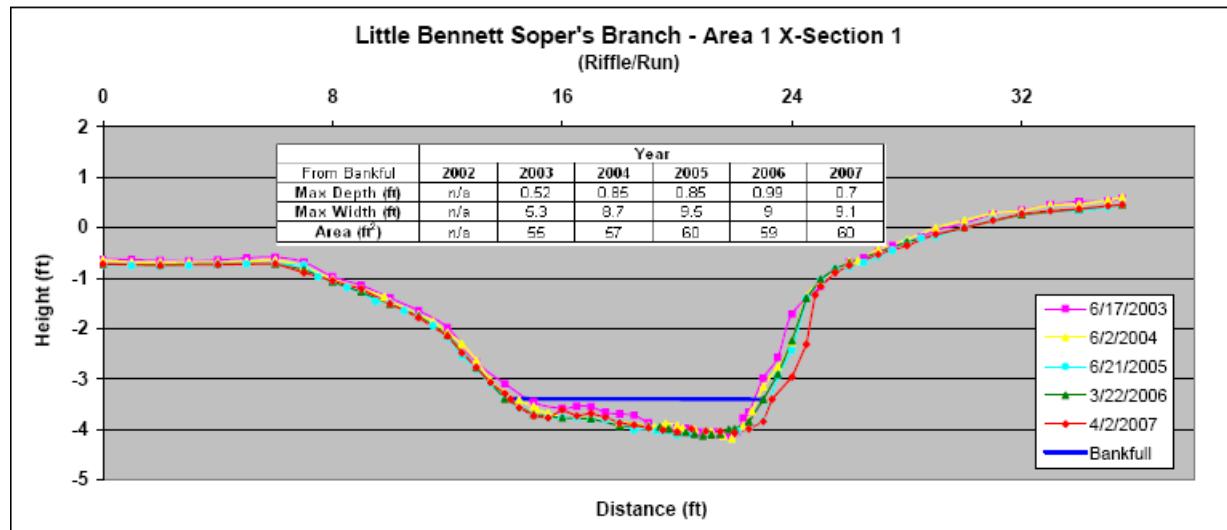
Cross Section 3



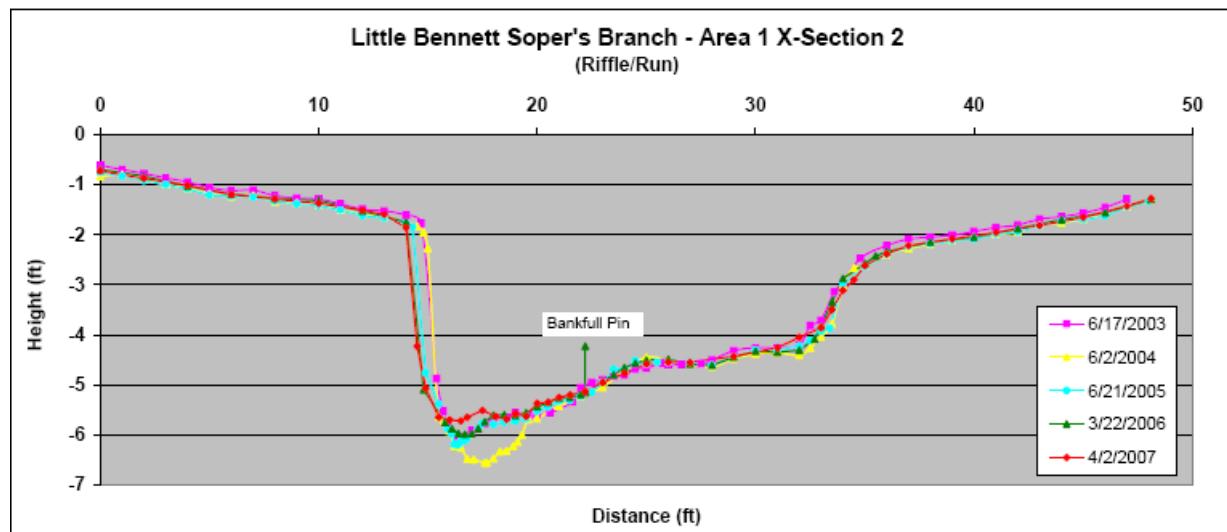
## Sopers Branch Tributary of Little Bennett Creek Cross Sections

### Area 1

#### Cross Section 1

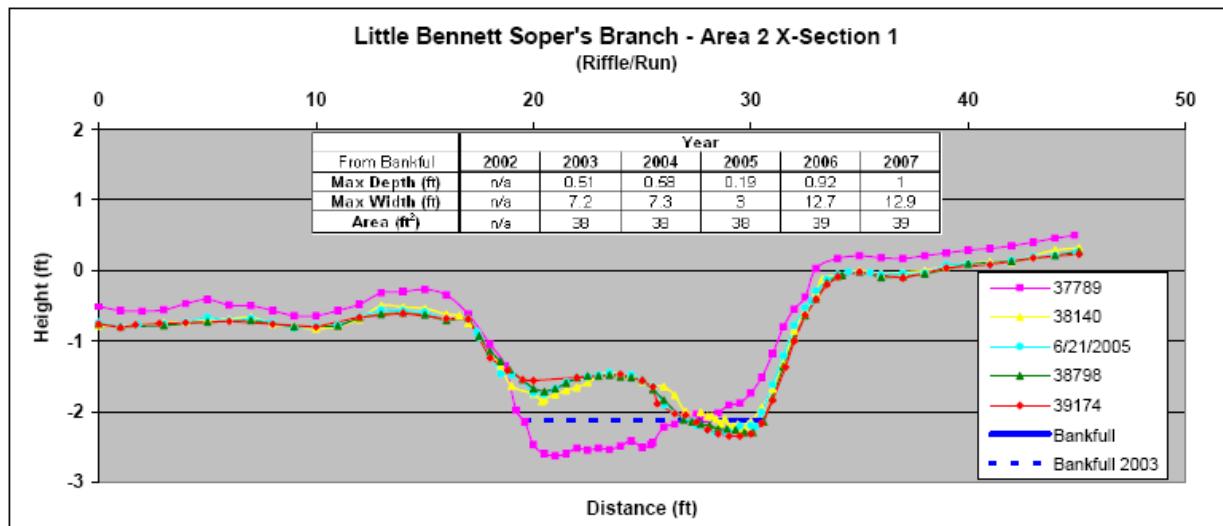


#### Cross Section 2

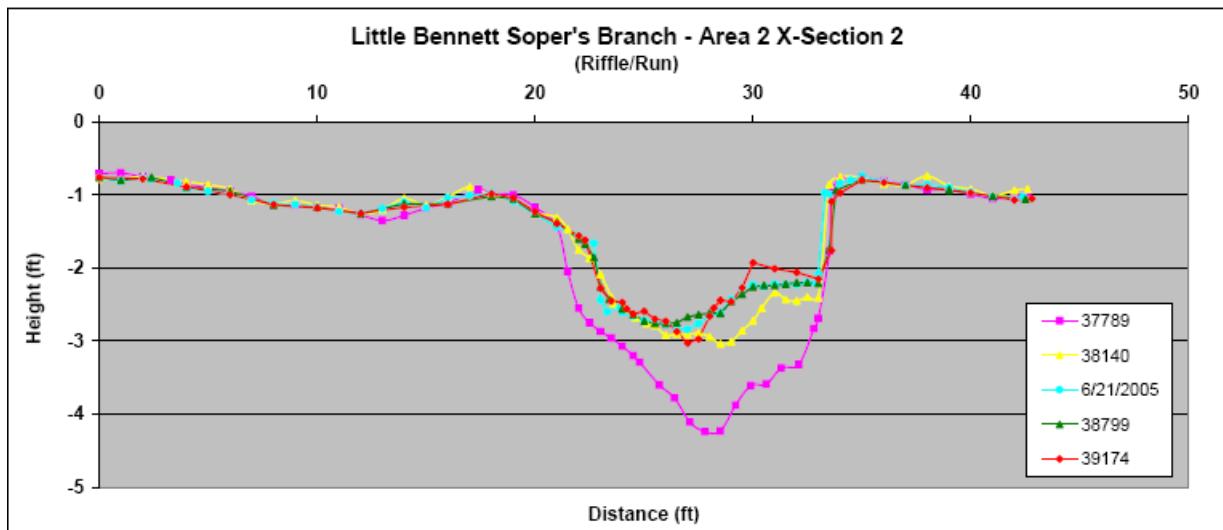


**Area 2**

## Cross Section 1

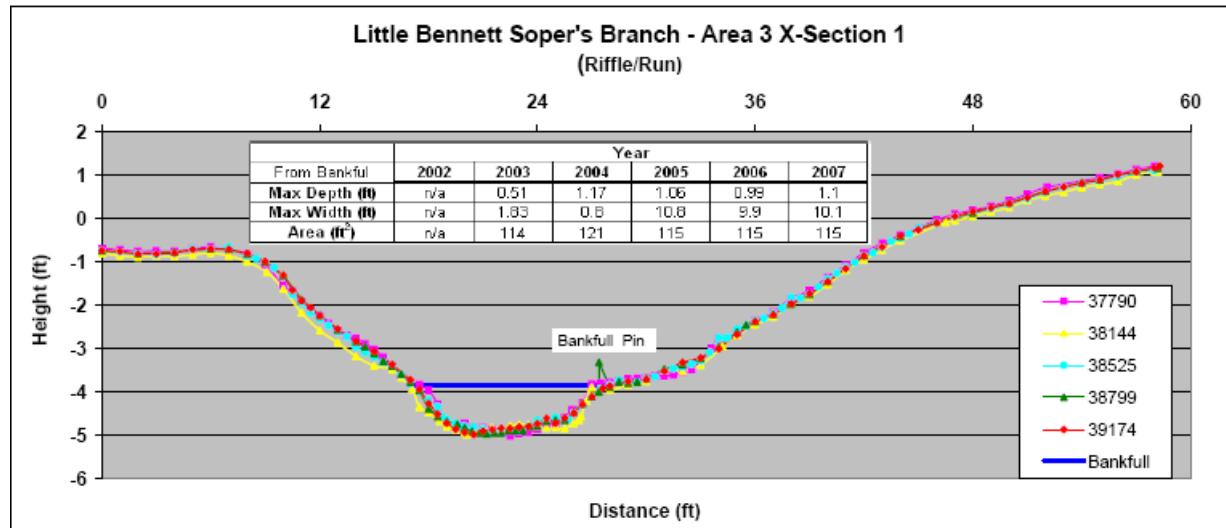


## Cross Section 2

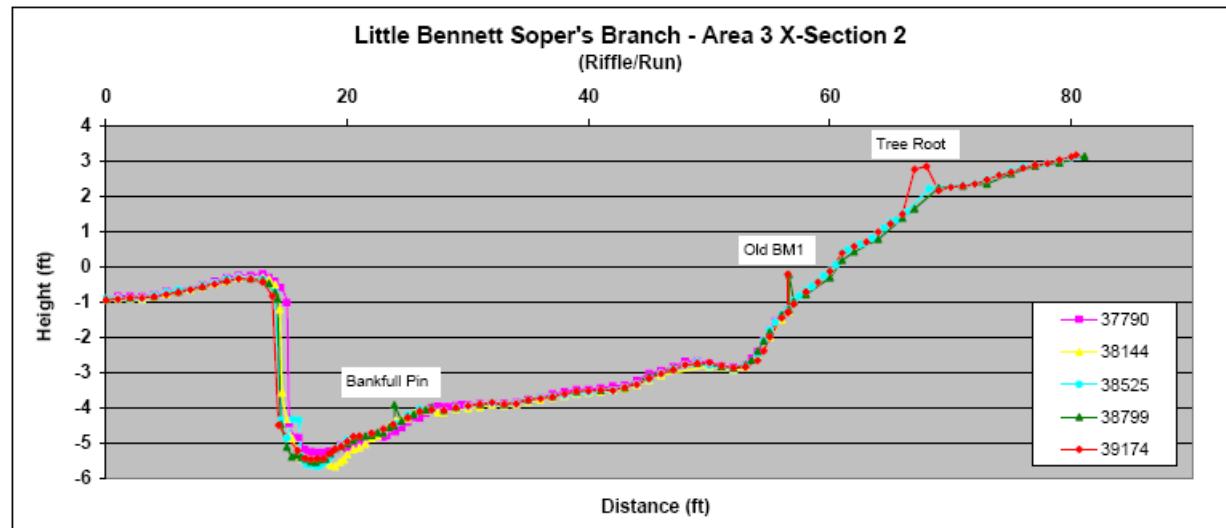


**Area 3**

## Cross Section 1



## Cross Section 2

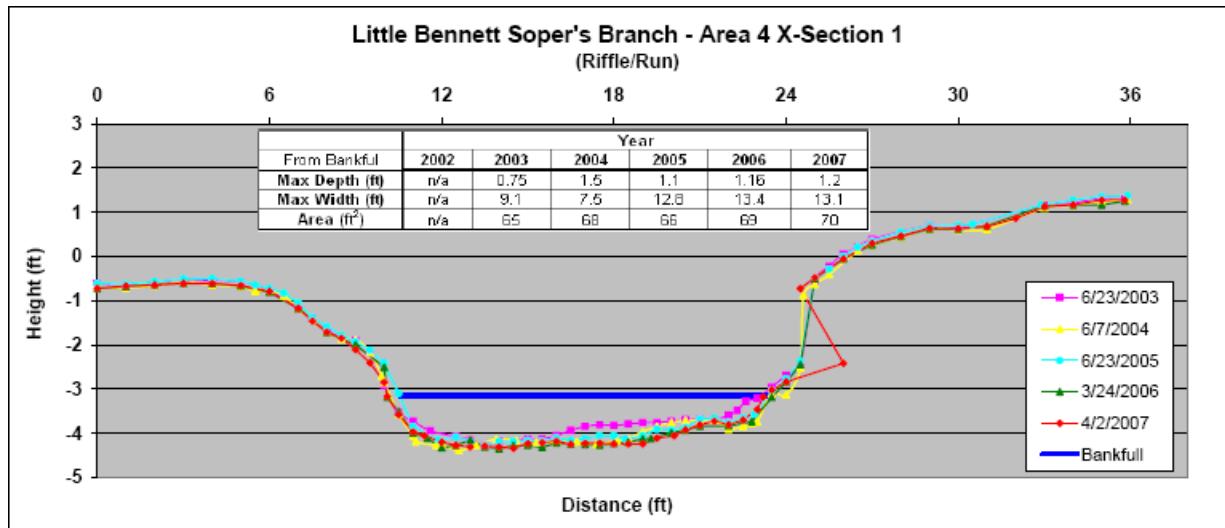


### Cross Section 3

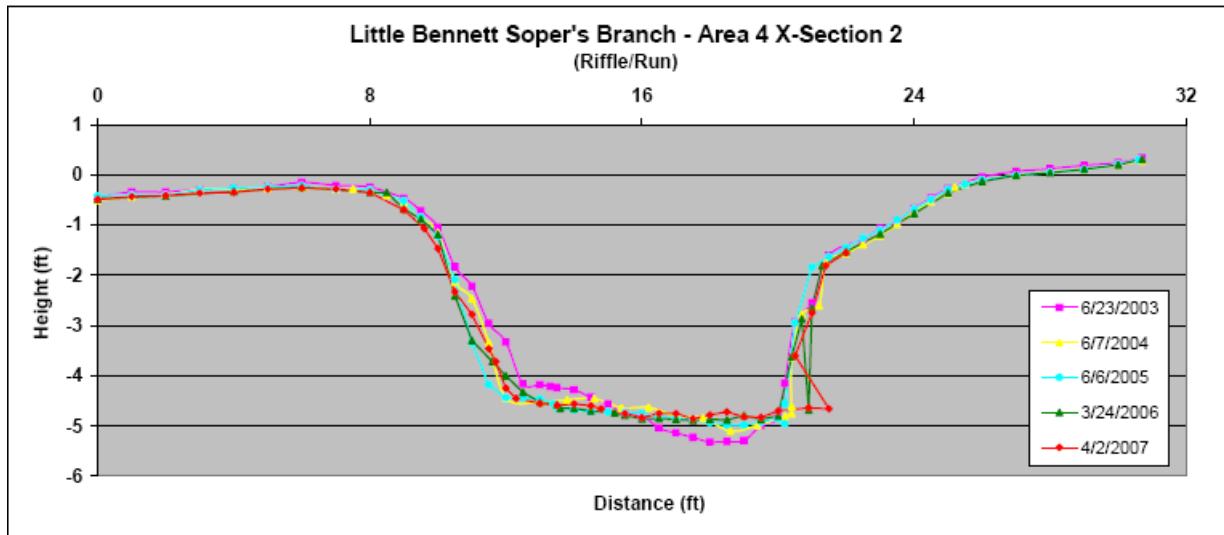


### Area 4

#### Cross Section 1



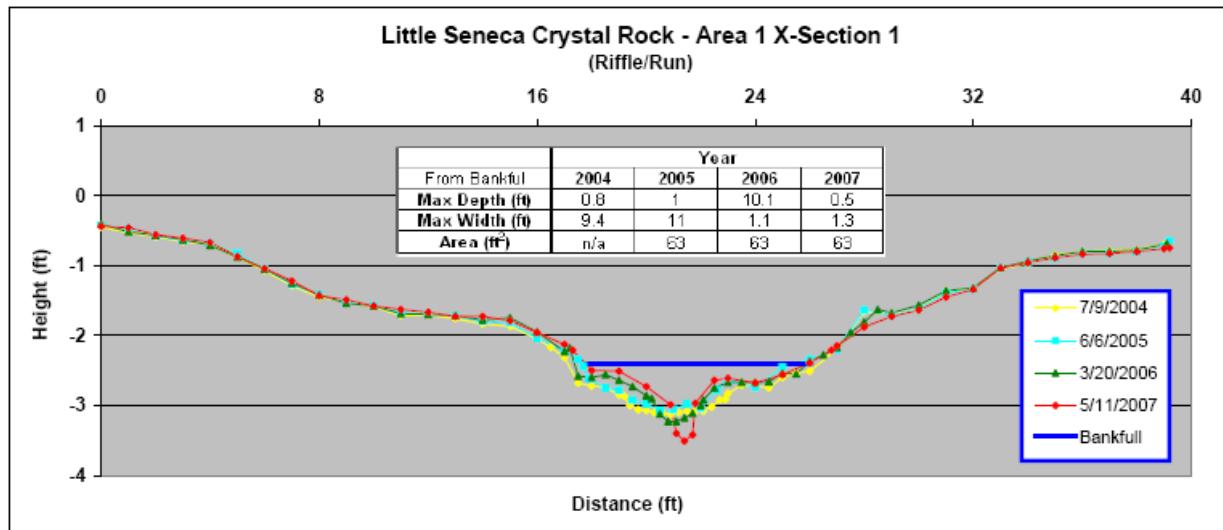
Cross Section 2



## Germantown, Crystal Rock Drive (LSCR201) Tributary

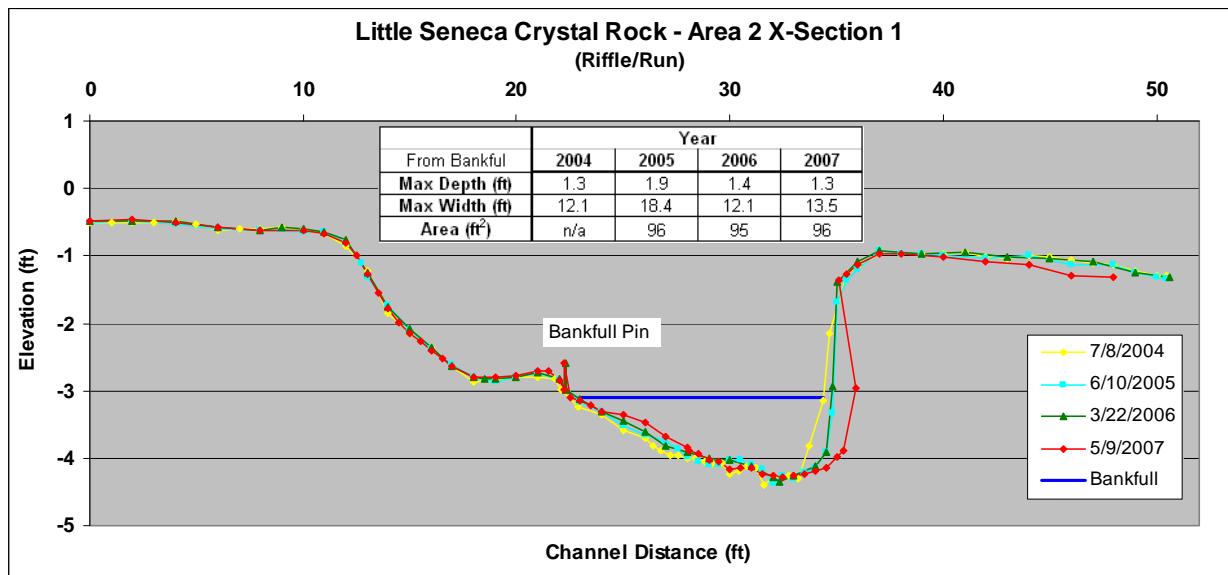
### Area 1

#### Cross Section 1

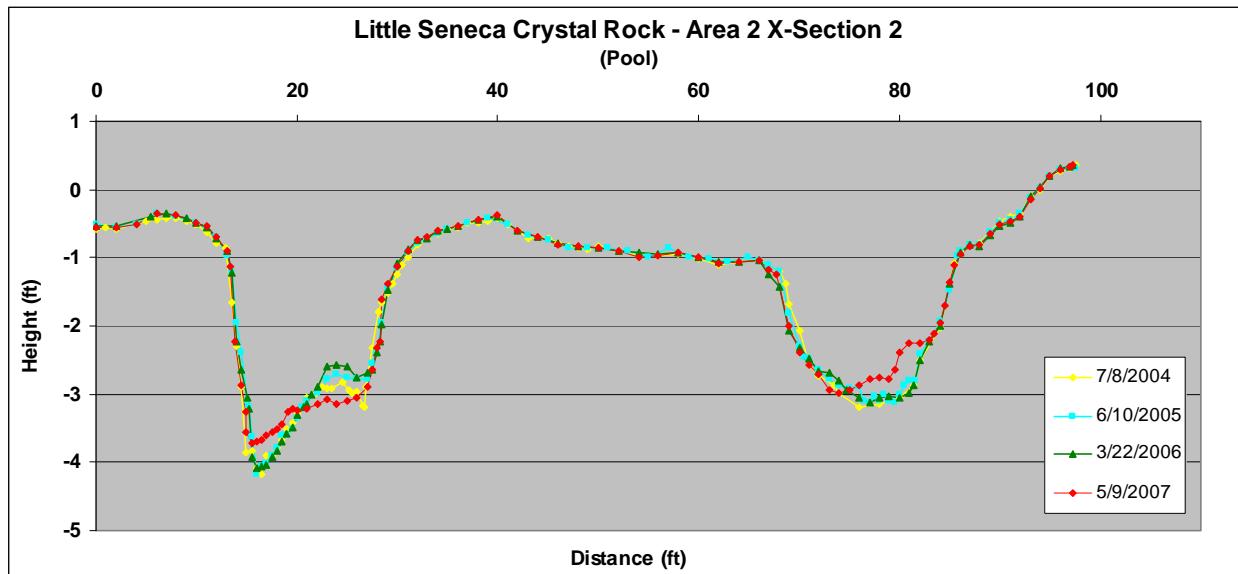


### Area 2

#### Cross Section 1

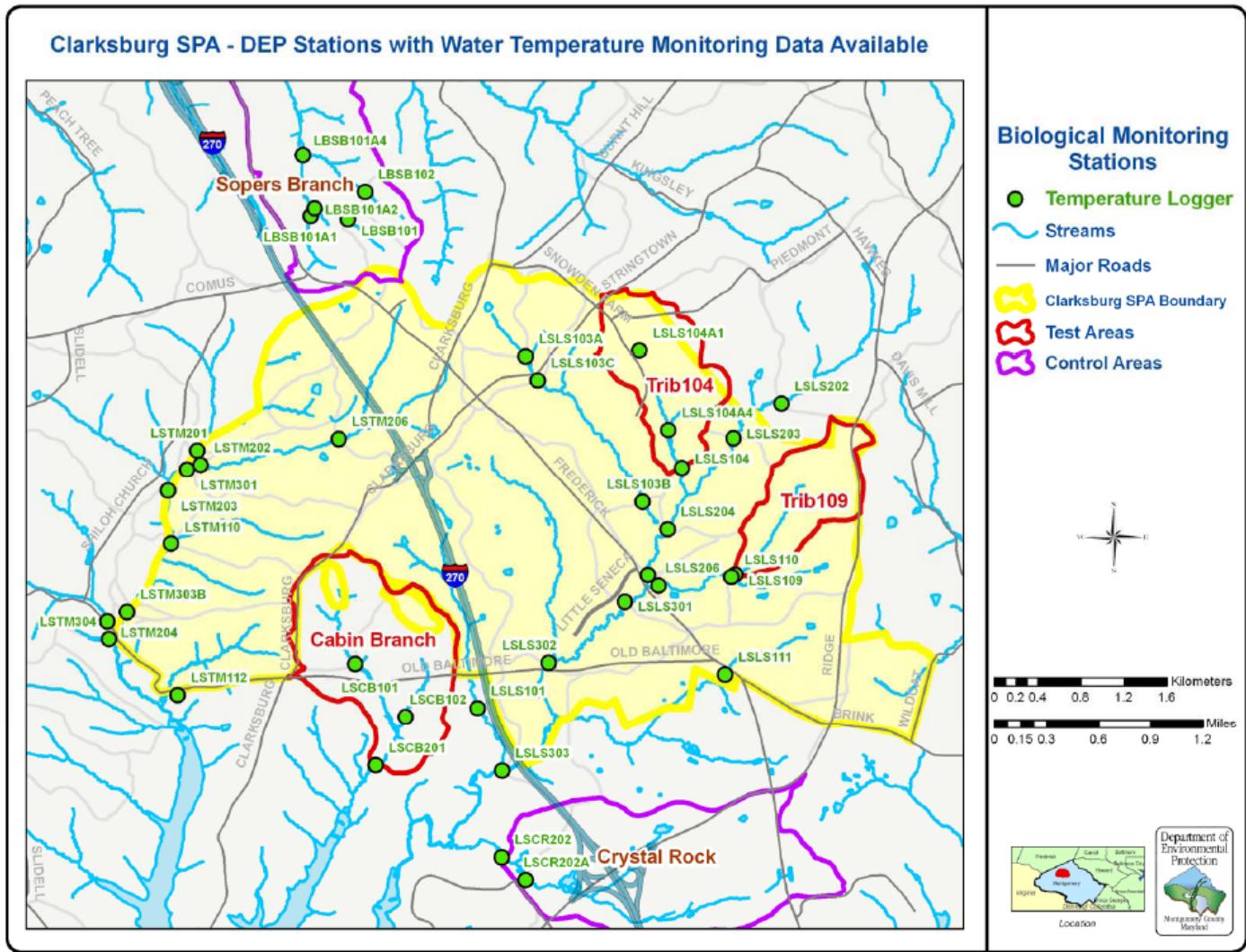


Cross Section 2



## TA-4.4 Changes in Physical Chemistry

### TA-4.4.1 Water Temperature



**Figure TA-4.4. DEP stations in the Clarksburg SPA with temperature monitoring data available.**

**Table TA-4.4. Clarksburg Master Plan SPA Stream Temperature Data by Station and Year.**

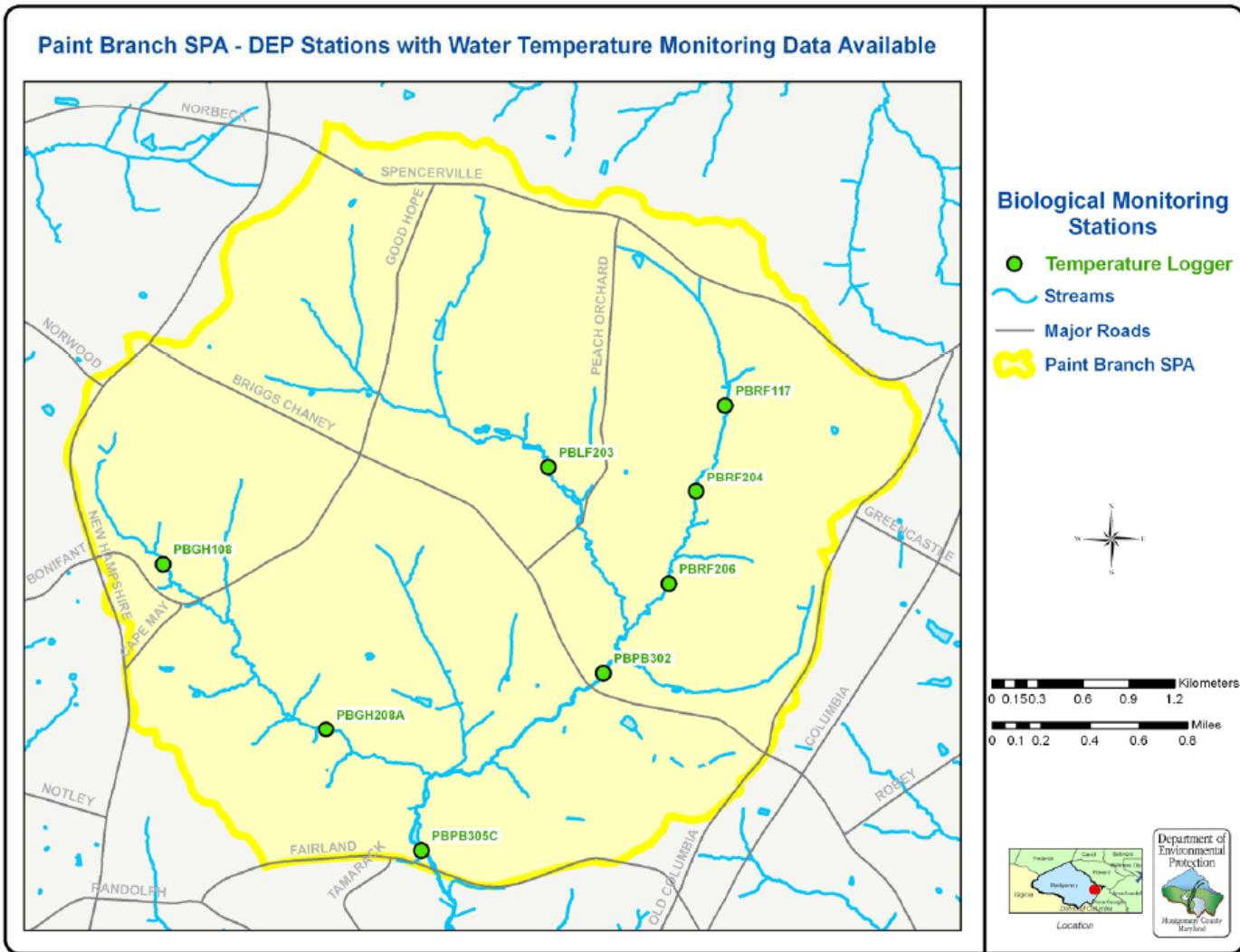
Stream temperature data that is available in the SPA's. Water temperature is recorded from June to September, in Celsius unless otherwise noted, and is recorded in 20 minute intervals. Also shown are available control and reference stations outside of the SPA that have been used for comparisons.

<u>Station</u>	<u>Years</u>	<u>Total</u>
<u>Cabin Branch tributary of Little Seneca</u>		
LSCB101	2004, 2006	2
LSCB102	2006, 2007	2
LSCB201	1998, 2003, 2004, 2006, 2007	5
<u>Little Seneca</u>		
<i>First Order Streams</i>		
LSLS101	2003	1
LSLS103A	1995, 1996	2
LSLS103B	2003, 2006, 2007	3
LSLS103C	1997, 1998, 2000, 2001, 2003, 2004, 2006, 2007	8
LSLS104	1998, 2003, 2005, 2006, 2007	5
LSLS109	1998, 2000, 2004, 2005, 2007	5
LSLS110	1998, 2000 2001	3
LSLS111	2000, 2001	2
<i>Second Order Streams</i>		
LSLS202	2004, 2006, 2007	3
LSLS203	1995, 1996, 2006, 2007	4
LSLS204	1997, 1998, 2006, 2007	3
LSLS205	1997, 1998	2
LSLS206	1998, 2003	2
<i>Third Order Streams</i>		
LSLS301	1995, 1998, 1999, 2000, 2004, 2007	6
LSLS302	2000	1
LSLS303	1995, 1996, 2000, 2004, 2006	5
<u>Sopers Branch tributary of Little Bennett Creek (control)</u>		
LBSB101	2004, 2005, 2006	3
LBSB102	2005, 2006, 2007	3
LBSB201A	2005, 2006, 2007	3
<u>Crystal Rock tributary of Little Seneca (reference)</u>		
LSCR202	2005, 2006, 2007	3
LSCR202A	1998, 2001	2

**Table TA-4.4. Clarksburg Master Plan SPA Stream Temperature Data by Station and Year. cont.**

Stream temperature data that is available in the Ten Mile Creek tributary to Little Seneca Creek. The east part of Ten Mile Creek is located within the Special Protection Area (SPA). N=19.

<u>Ten Mile Creek</u>		
<u>Station</u>	<u>Years</u>	<u>Total</u>
<i>First Order Streams</i>		
LSTM110	1997, 2003, 2007	3
LSTM112	2002	1
<i>Second Order Streams</i>		
LSTM201	1998	1
LSTM202	1997, 1998, 2007	3
LSTM203	1996, 2007	2
LSTM206	1997, 1998, 2002, 2006	4
<i>Third Order Streams</i>		
LSTM303B	1995, 1996, 1998, 2003 2006, 2007	6
LSTM304	1995, 1996, 1997	3



**Figure TA-4.5. DEP stations in the Paint Branch SPA with temperature monitoring data available.**

**Table TA-4.5. Upper Paint SPA Stream Temperature Data by Station and Year.**

Stream temperature data that is available for the Upper Paint Branch SPA. PBGH is in the Good Hope tributary, PBRF is in the Right Fork, PBLF is in the Left Fork, and PBPB is in the main stem of the Upper Paint Branch.

<u>Station</u>	<u>Years</u>	<u>Total</u>
<i>First Order Streams</i>		
PBGH108	1998, 2000, 2003	3
PBRF117	1998, 2003, 2005	3
<i>Second Order Streams</i>		
PBGH208A	2003, 2004	2
PBLF203	1998	1
PBRF204	1998, 2000, 2003, 2007	4
PBRF206	2006, 2007	2
<i>Third Order Streams</i>		
PBPB302	2006, 2007	2
PBPB305C	1998, 2000, 2003, 2004, 2006, 2007	6

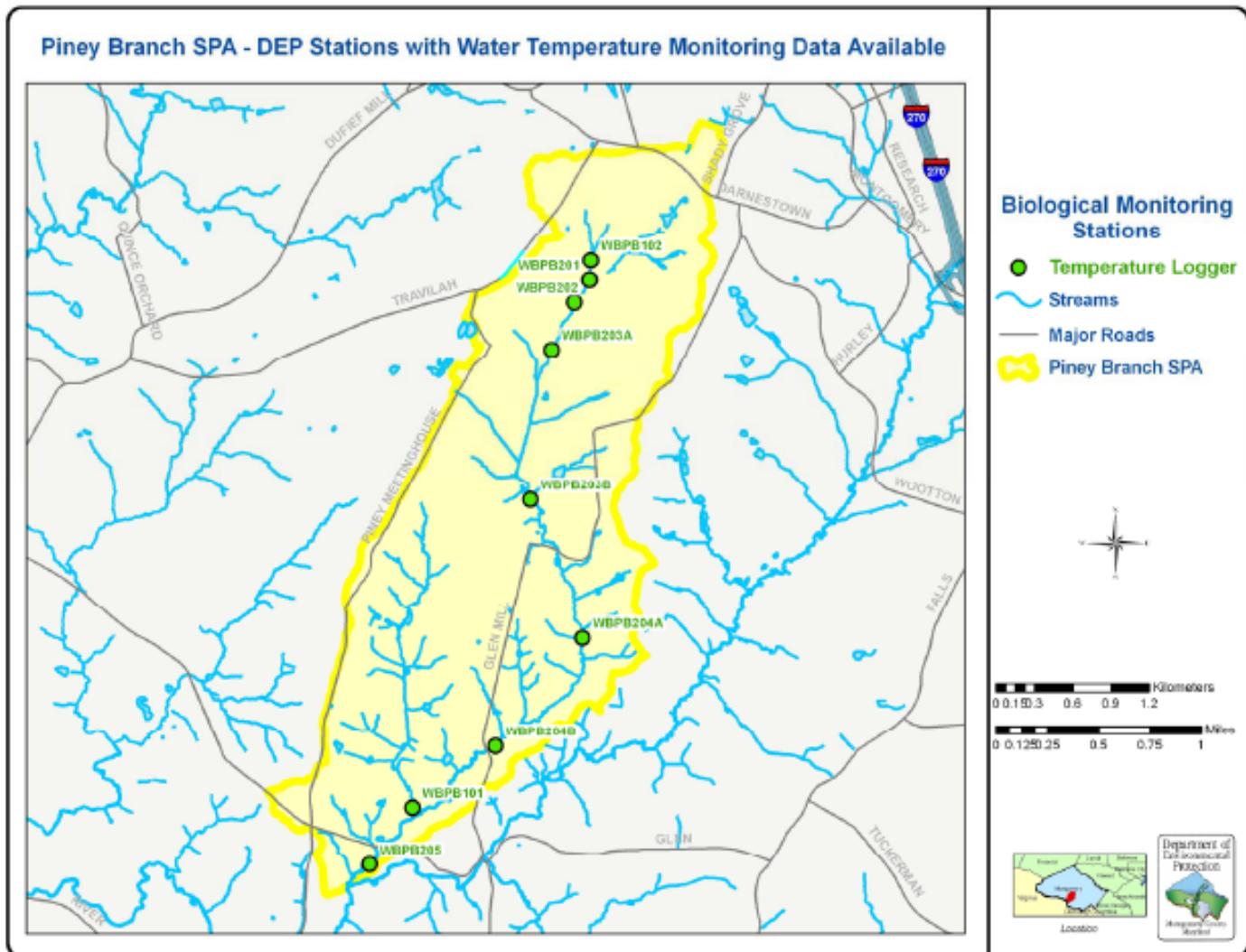


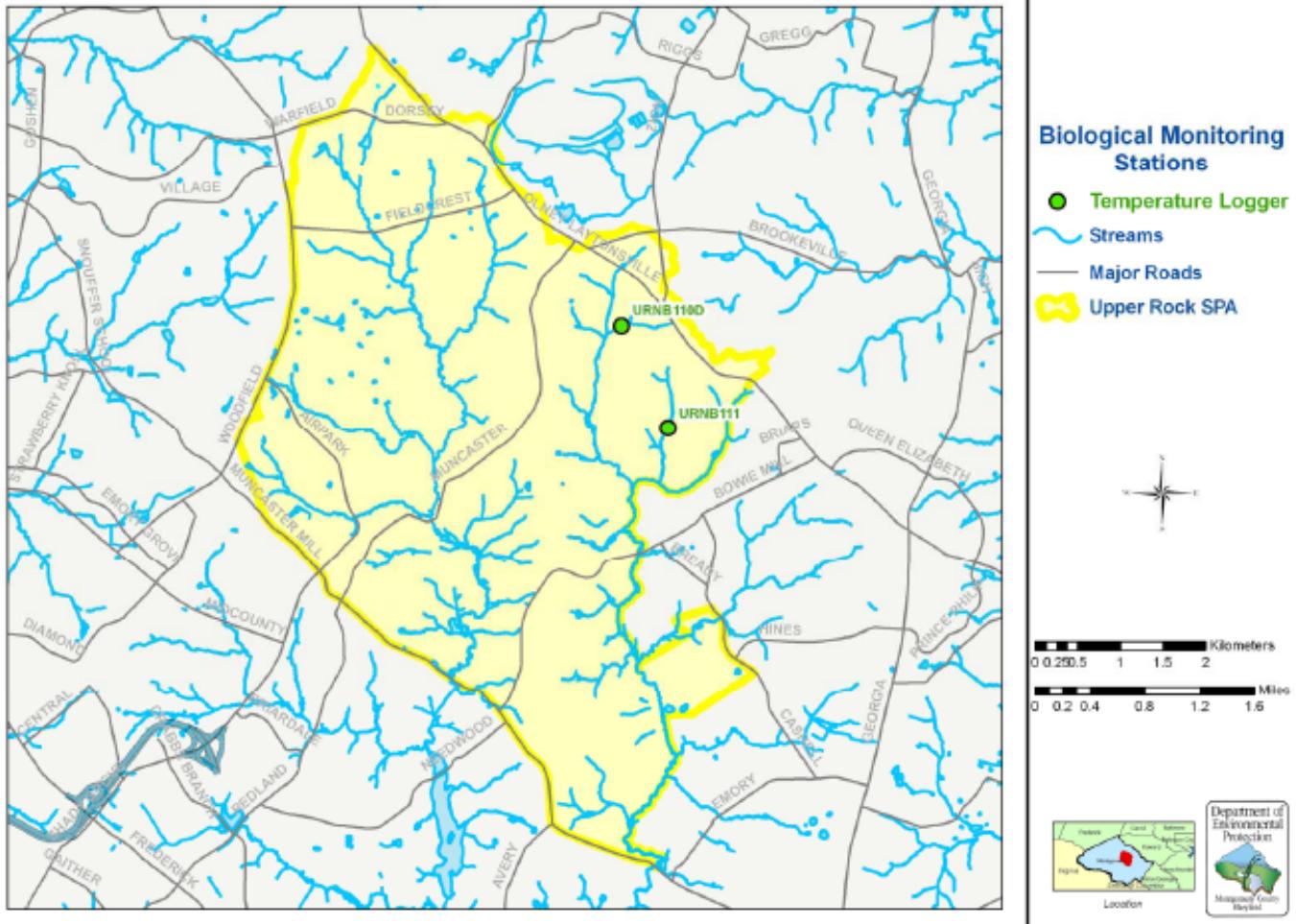
Figure TA-4.6. DEP stations in the Piney Branch SPA with temperature monitoring data available.

**Table TA-4.6. Piney Branch SPA Stream Temperature Data by Station and Year.**

Stream temperature data that is available for the Piney Branch SPA.

<u>Station</u>	<u>Years</u>	<u>Total</u>
<i>First Order Streams</i>		
WBPB101	1995, 1997, 1998, 1999	7
WBPB102	2001, 2006, 2007	1
<i>Second Order Streams</i>		
WBPB201	1996, 1997, 2006, 2007	4
WBPB202	2001	1
WBPB203A	1999, 2001, 2007	3
WBPB203B	1998, 1999, 2001	3
WBPB204A	1995, 1996, 1998, 1999, 2006, 2007	6
WBPB204B	1997, 1999	2
WBPB205	1995, 1996, 1998, 1999, 2006	5

Upper Rock Creek SPA - DEP Stations with Water Temperature Monitoring Data Available



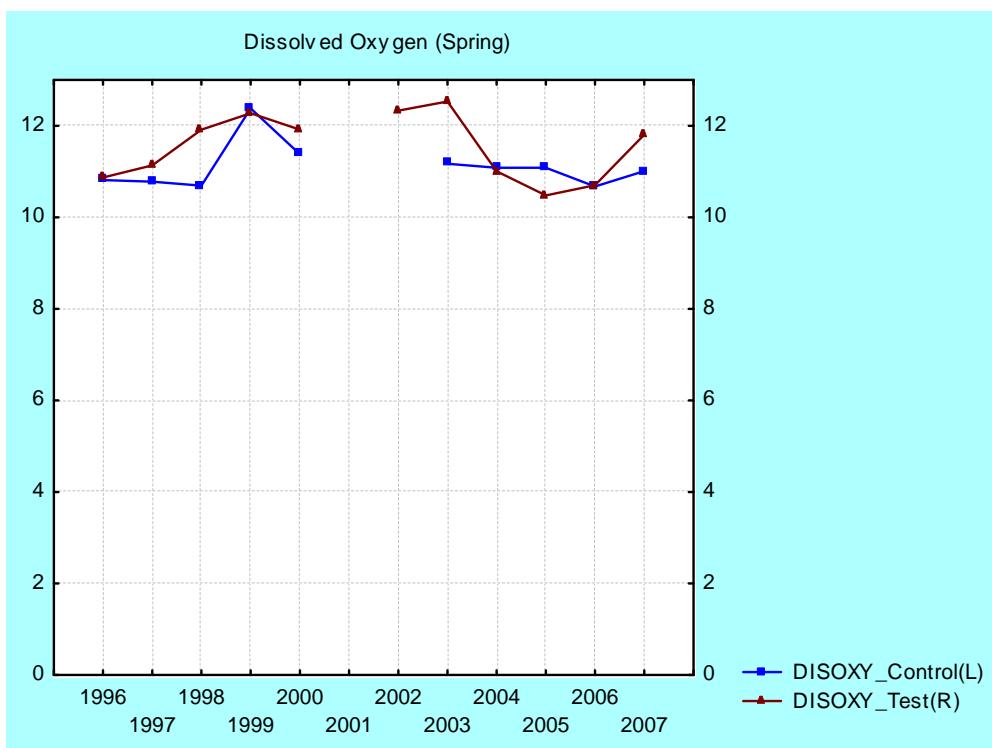
**Figure TA-4.7. DEP stations in the Upper Rock Creek SPA with temperature monitoring data available.**

**Table TA-4.7. Upper Rock Creek SPA Stream Temperature Data by Station and Year.**

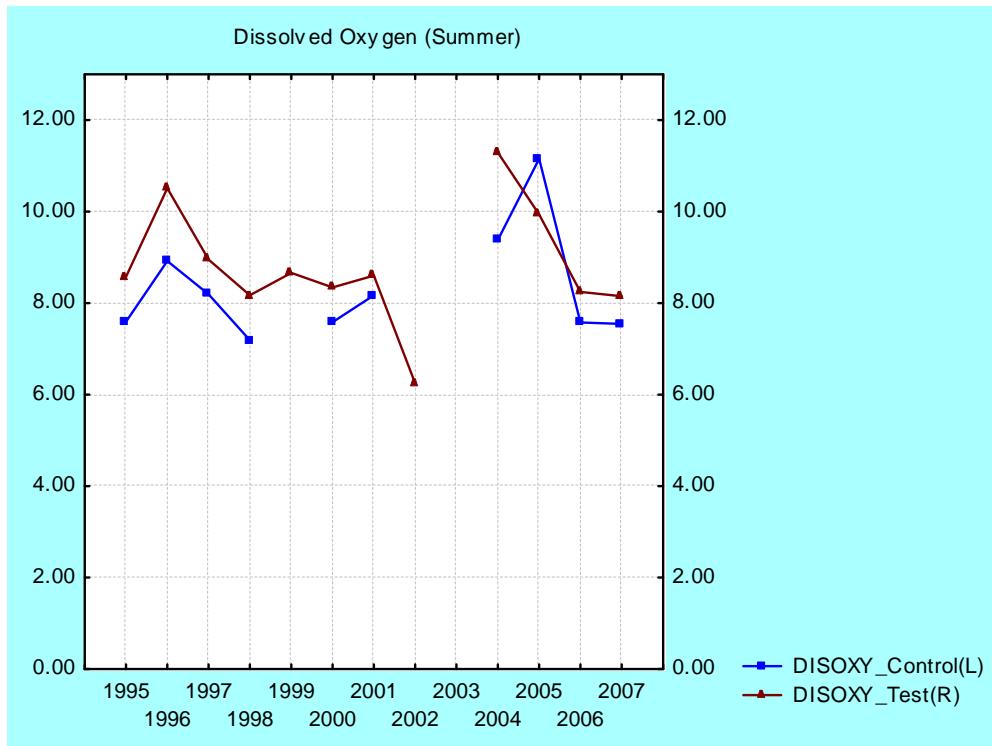
Stream temperature data that is available for the Upper Rock Creek SPA.

<u>Station</u>	<u>Years</u>	<u>Total</u>
URNB110D	2004, 2006	2
URNB111	2006	1

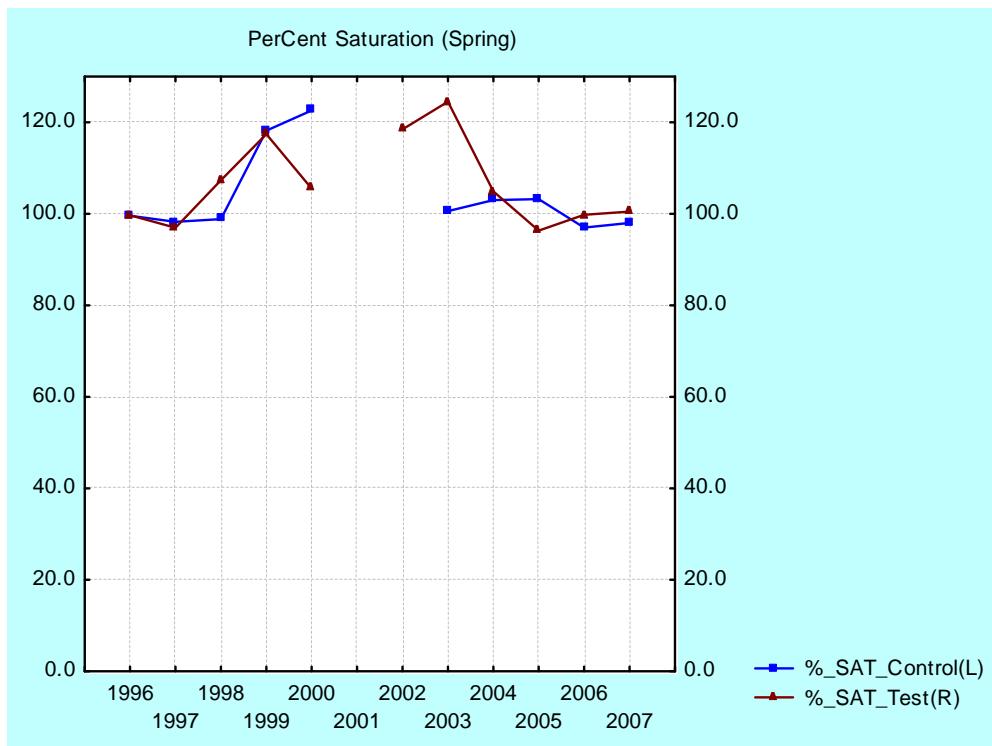
#### TA-4.5 Water Quality



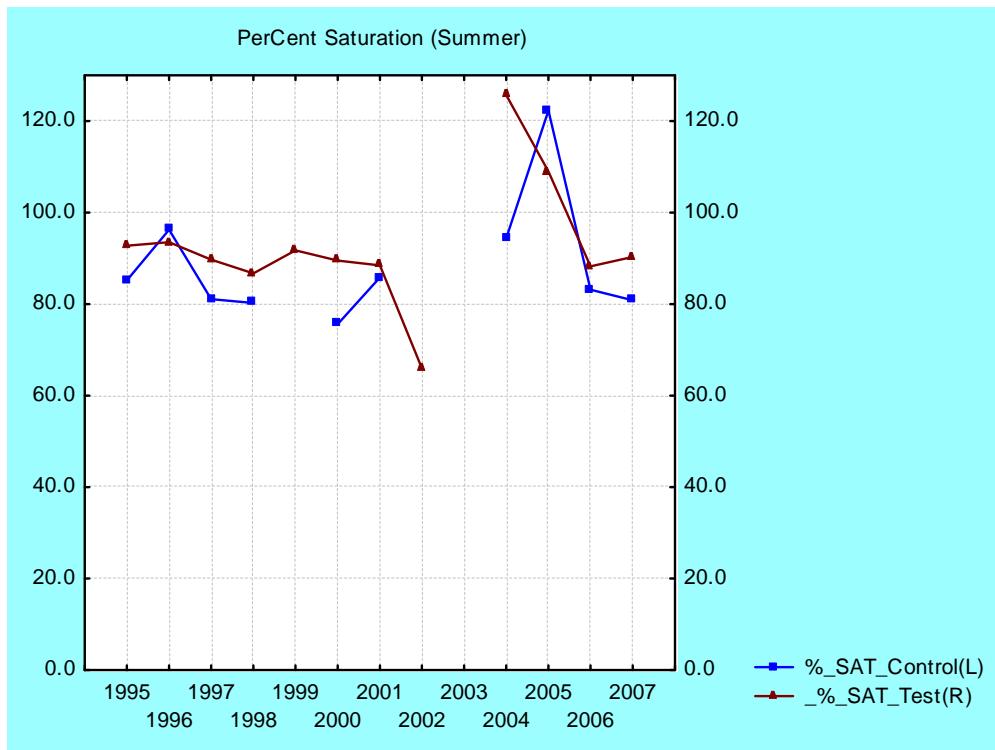
**Figure TA-4.8. Spring Dissolved Oxygen Comparisons between the Clarksburg Master Plan SPA Test and Control Stations.**



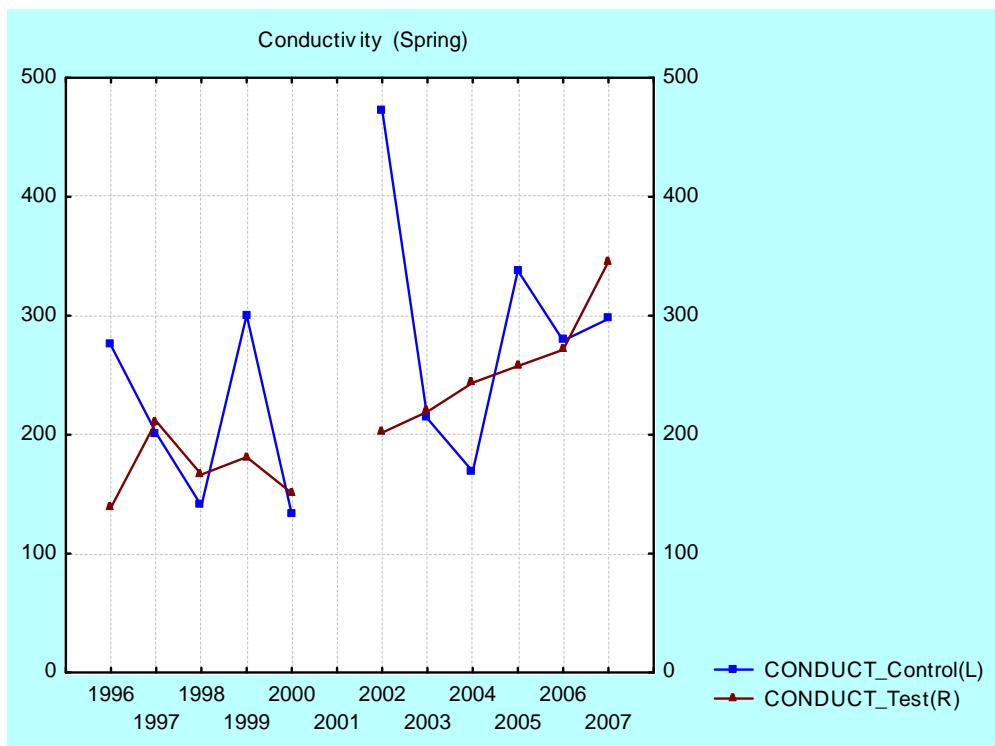
**Figure TA-4.9. Summer Dissolved Oxygen Comparisons between the Clarksburg Master Plan SPA Test and Control Stations.**



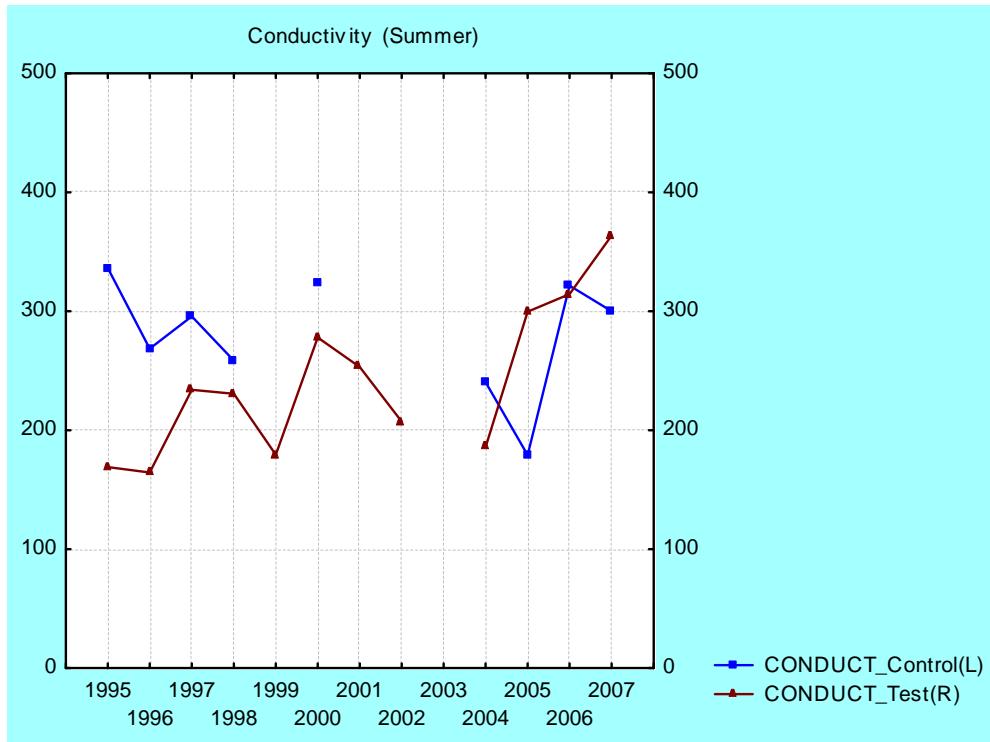
**Figure TA-4.10. Spring Dissolved Oxygen Per Cent Saturation Comparisons between the Clarksburg Master Plan SPA Test and Control Stations.**



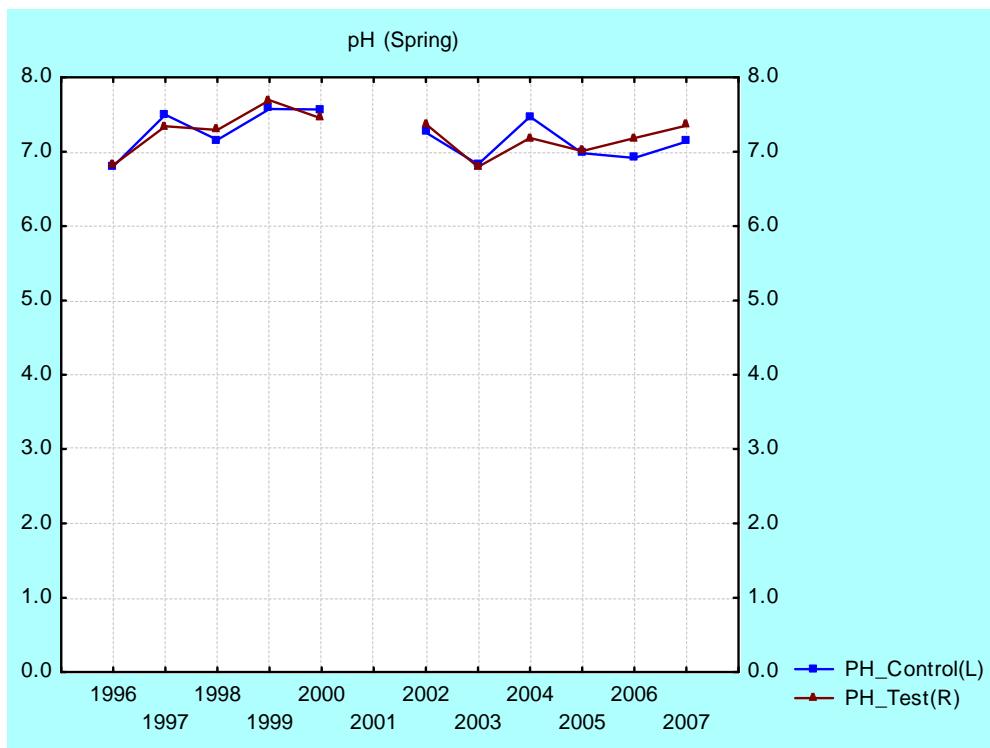
**Figure TA-4.11. Summer Dissolved Oxygen Per Cent Saturation Comparisons between the Clarksburg Master Plan SPA Test and Control Stations.**



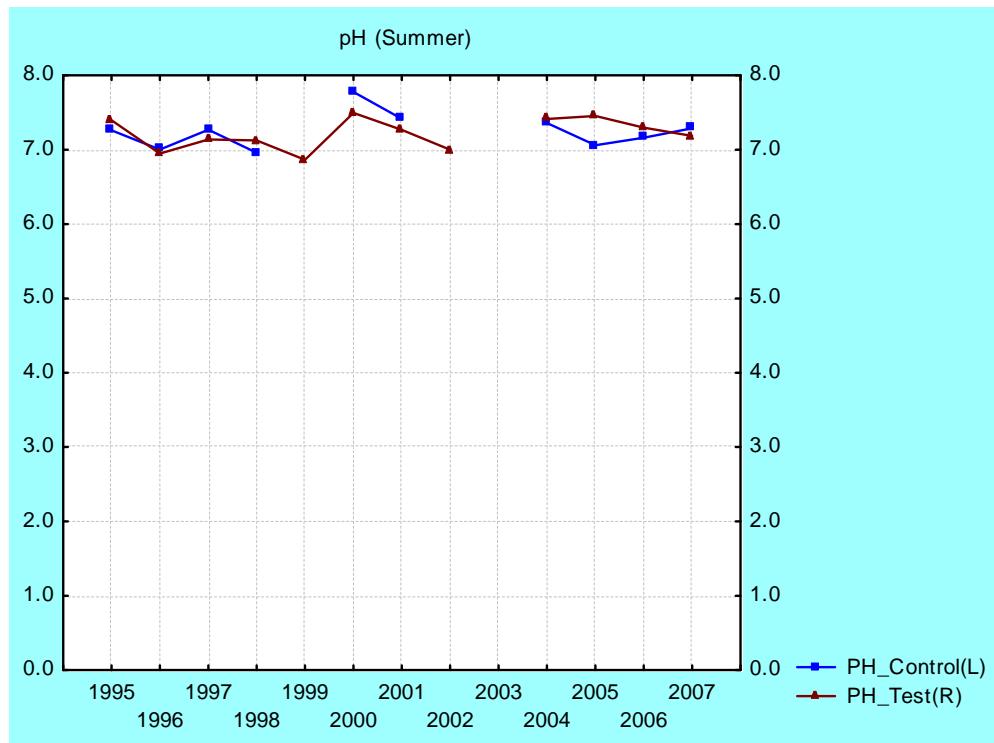
**Figure TA-4.12. Spring Conductivity Comparisons between the Clarksburg Master Plan SPA Test and Control Stations.**



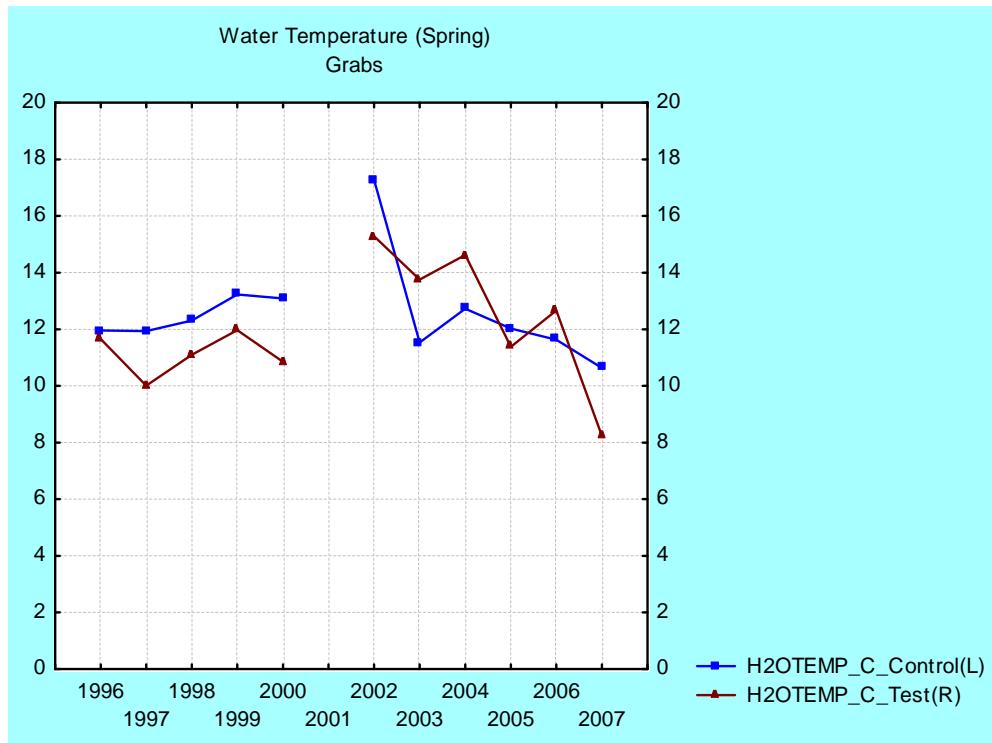
**Figure TA-4.13. Summer Conductivity Comparisons between the Clarksburg Master Plan SPA Test and Control Stations.**



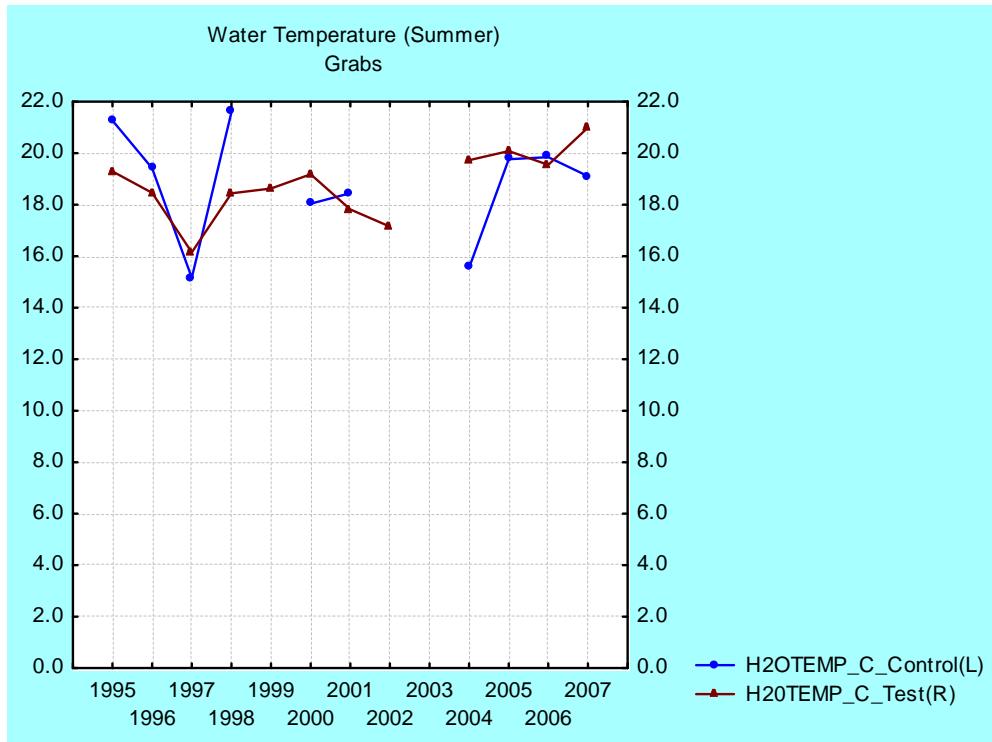
**Figure TA-4.14. Spring pH Comparisons between the Clarksburg Master Plan SPA Test and Control Stations.**



**Figure TA-4.15. Summer pH Comparisons between the Clarksburg Master Plan SPA Test and Control Stations.**

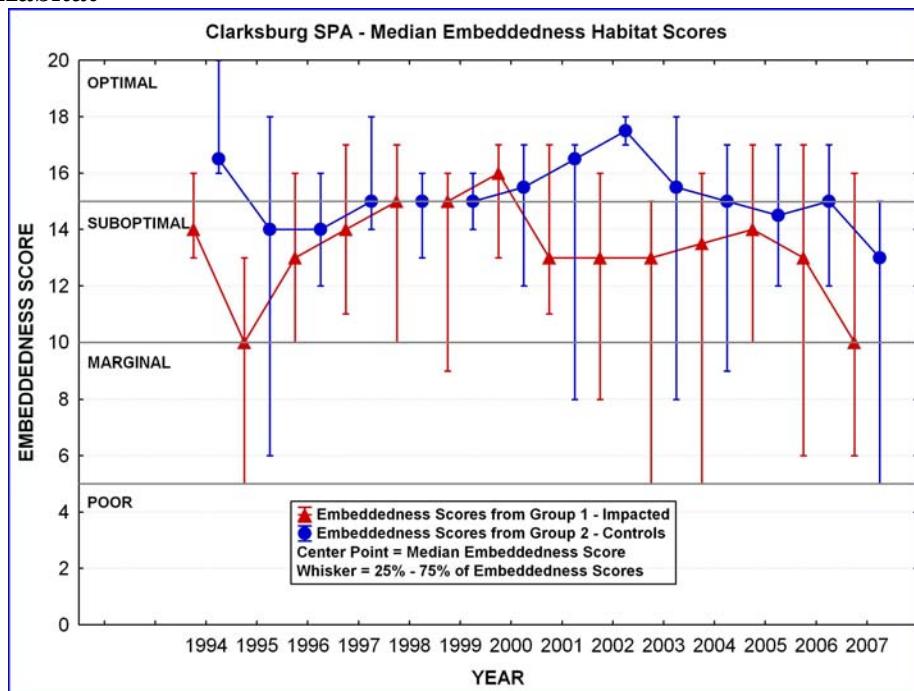


**Figure TA-4.16. Spring Water Temperature Comparisons between the Clarksburg Master Plan SPA Test and Control Stations.**

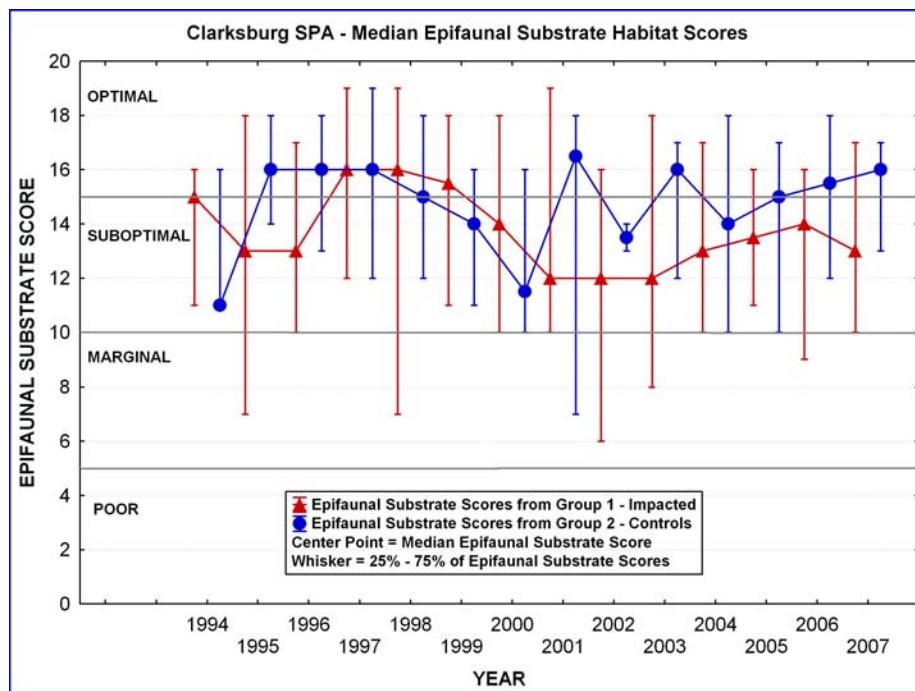


**Figure TA-4.17. Summer Water Temperature Comparisons between the Clarksburg Master Plan SPA Test and Control Stations.**

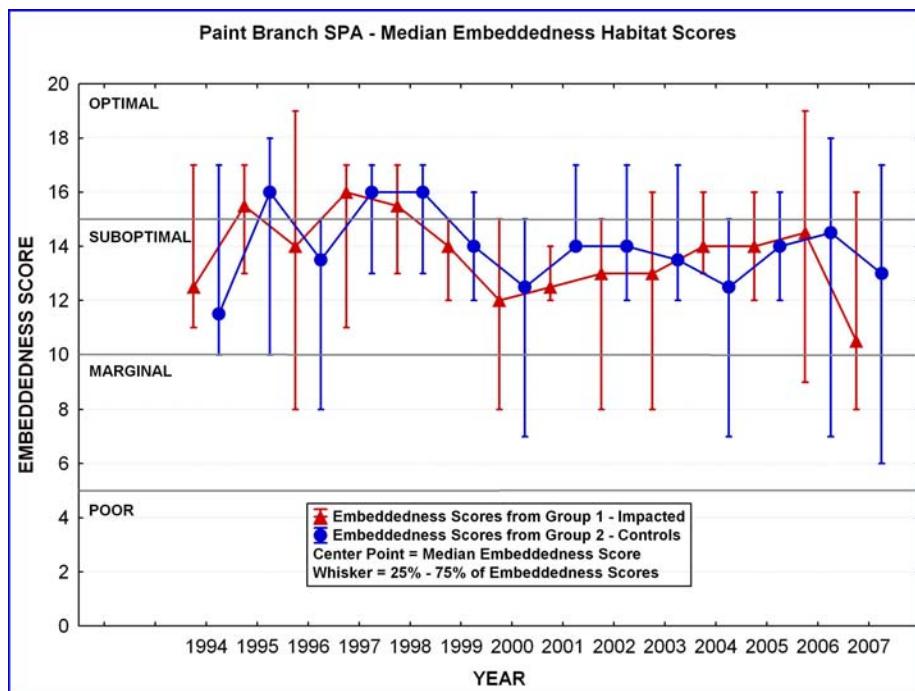
#### TA-4.6 Habitat



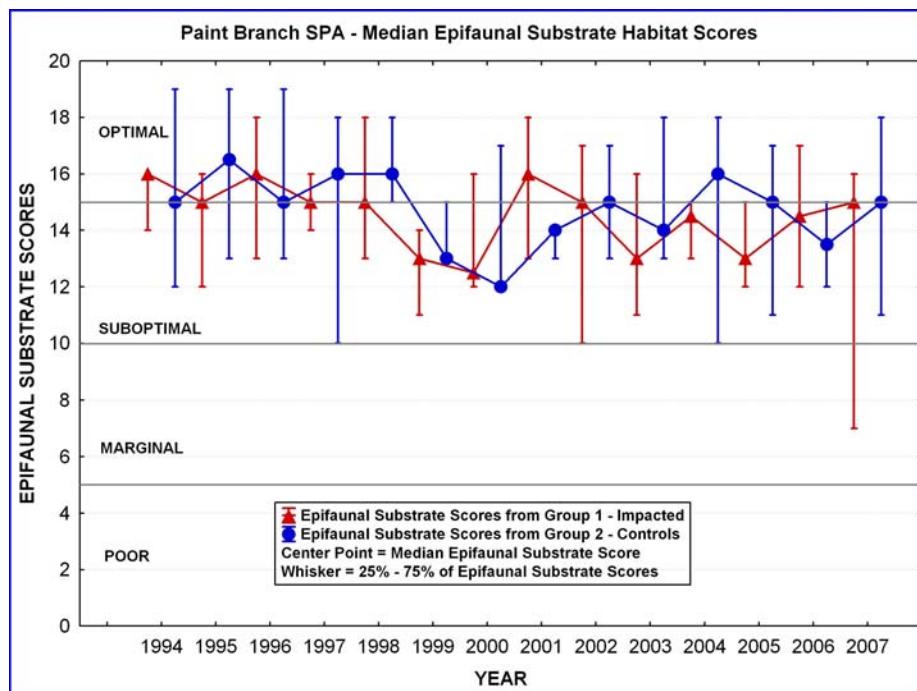
**Figure TA-4.18. Median Embeddedness Habitat Scores for Clarksburg Master Plan SPA Impacted and Control Groups.**



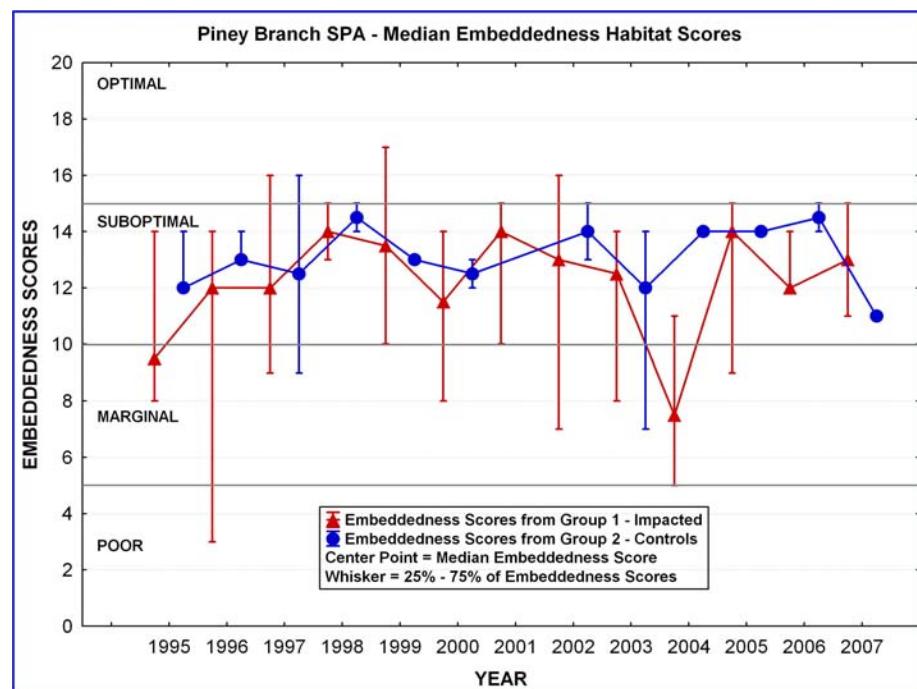
**Figure TA-4.19. Median Epifaunal Substrate Habitat Scores for Clarksburg Master Plan SPA Impacted and Control Groups.**



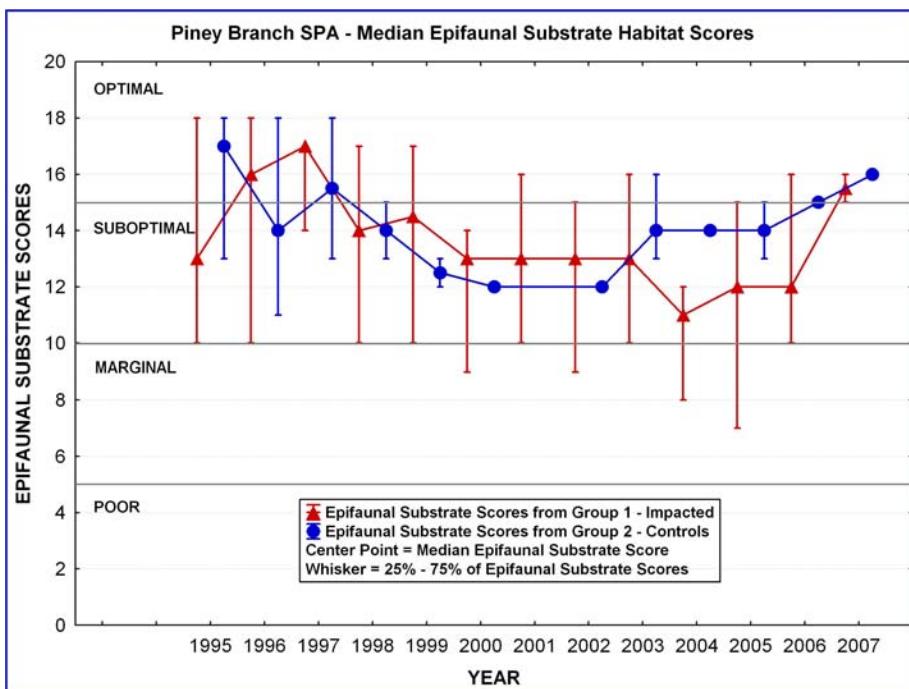
**Figure TA-4.20. Median Embeddedness Habitat Scores for Upper Paint Branch SPA Impacted and Control Groups.**



**Figure TA-4.21. Median Epifaunal Substrate Habitat Scores for Upper Paint Branch SPA Impacted and Control Groups.**



**Figure TA-4.22. Median Embeddedness Habitat Scores for Piney Branch SPA Impacted and Control Groups.**



**Figure TA-4.23. Median Epifaunal Substrate Habitat Scores for Piney Branch SPA Impacted and Control Groups.**

**Note to Reader**

*For more information on Section 4 or technical appendix materials, please contact DEP at [AskDEP@montgomerycountymd.gov](mailto:AskDEP@montgomerycountymd.gov), 240-777-7700.*